

Instructions for printing: Print this ruler on letter-size paper. Print double-sided and choose “flip on long edge.” Print at actual size; do not scale or fit to page. Use portrait orientation. If you can, print on thick paper or cardstock.

cm

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

inch

1

2

3

4

5

6

7

8



Measure and observe seasonal plant changes!

Measure Green-Up (budburst and leaf growth) in spring.
Observe Green-Down (leaf color change) in fall.





Scan for the protocols.

cm

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

inch

1

2

3

4

5

6

7

8



Measure and observe seasonal plant changes!

Measure Green-Up (budburst and leaf growth) in spring.
Observe Green-Down (leaf color change) in fall.





Scan for the protocols.

cm

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

inch

1

2

3

4

5

6

7

8



Measure and observe seasonal plant changes!

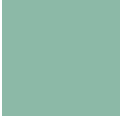
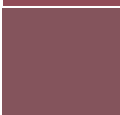
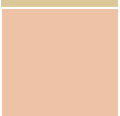
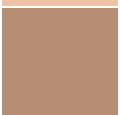
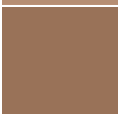
Measure Green-Up (budburst and leaf growth) in spring.
Observe Green-Down (leaf color change) in fall.

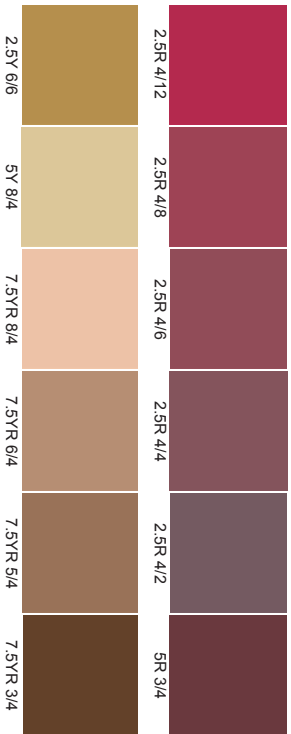




Scan for the protocols.

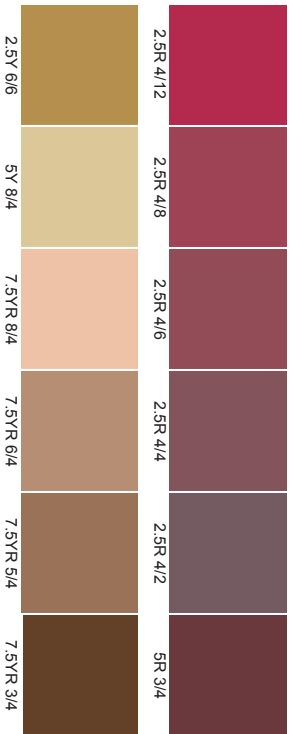
Plant Color Guide

					
5GY 4/8	5GY 3/2	5G 4/2	5G 6/2	5G 7/4	5G 8/4
					
5GY 5/10	5GY 6/10	5GY 7/12	5YR 7/12	2.5Y 8/4	2.5Y 8/6
					
2.5R 4/12	2.5R 4/8	2.5R 4/6	2.5R 4/4	2.5R 4/2	5R 3/4
					
2.5Y 6/6	5Y 8/4	7.5YR 8/4	7.5YR 6/4	7.5YR 5/4	7.5YR 3/4

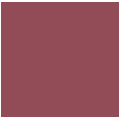
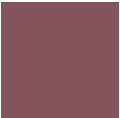


Plant Color Guide

Plant Species	Color Code				
5GY 4/8	5GY 3/2	5G 4/2	5G 6/2	5G 7/4	5G 8/4
5GY 5/10	5GY 6/10	5GY 7/12	5YR 7/12	2.5Y 8/12	2.5Y 8/6
2.5Y 6/6	5Y 8/4	7.5YR 8/4	7.5YR 6/4	7.5YR 5/4	7.5YR 3/4



Plant Color Guide

					
5GY 4/8	5GY 3/2	5G 4/2	5G 6/2	5G 7/4	5G 8/4
					
5GY 5/10	5GY 6/10	5GY 7/12	5YR 7/12	2.5Y 8/12	2.5Y 8/6
					
2.5Y 4/12	2.5Y 4/8	2.5Y 4/6	2.5Y 4/4	2.5Y 4/2	5R 3/4
					
2.5Y 6/6	5Y 8/4	7.5YR 8/4	7.5YR 6/4	7.5YR 5/4	7.5YR 3/4

