Converting Colors

CIELCh(65, 9.908, 326.456)

Have a look what the booklet for CIELCh(65, 9.908, 326.456) contains.

CIELCh(65, 10.127, 324.900) 3
Conversions 4
Details 6
Harmonies 12
Previews 21
Color Blindness Simulation 24
CSS Examples 27

Color

CIELCh(65, 10.127, 324.900)

Conversions

Format	Color
	Conversions Part 1
Hex	A899A8
RGB	168, 153, 168
RGB Percent	66%, 60%, 66%
CMY	0.3402, 0.3991, 0.3402
CMYK	0.00, 0.09, 0.00, 0.34
HSL	300°, 8%, 63%
HSV	300°, 9%, 66%
XYZ	34.7198, 34.0472, 41.9049
YIQ	159.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

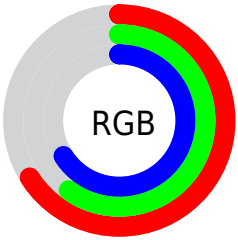
Format	Color
RYB	168, 153, 168
Decimal	11049384
CIELab	65.00, 8.29, -5.82
CIELCh	65, 10.127, 324.900
Yxy	34.0472, 0.3137, 0.3076
Android (android.graphics.Color)	4289239464 (0xFFA899A8)
YUV	159.1950, 4.3409, 7.7220
Hunter-Lab	58.3500, 4.0999, -1.7350

Details

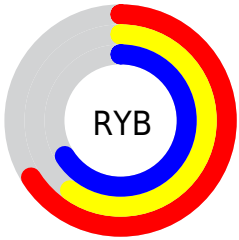
The CIELCh color 65, 10.127, 324.900 is a light color, and the websafe version is hex 999999. A complement of this color would be 67, 10.109, 143.951, and the grayscale version is 66, 0.008, 296.813.

A 20% lighter version of the original color is 85, 10.237, 324.808, and 45, 10.125, 325.053 is the 20% darker color. If you saturate the color by 10%, you get 61, 21.568, 325.450, and if you desaturate by 10%, it is 69, 1.212, 144.573.

Distribution

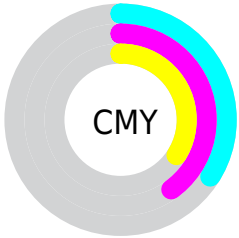


- Red (66%)
- Green (60%)
- Blue (66%)



- Red (66%)
- Yellow (60%)
- Blue (66%)

- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (34%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 10.127, 324.900 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 10.127, 324.900 by changing the saturation by 10% instead.

65, 10.127, 324.900

100, 10.127, 324.900

85, 10.127, 324.900

95, 10.127, 324.900

65, 10.127, 324.900

55, 10.127, 324.900

45, 10.127, 324.900

35, 10.127, 324.900

25, 10.127, 324.900

15, 10.127, 324.900

5, 10.127, 324.900

0, 10.127, 324.900

65, 10.127, 324.900

61, 21.568, 325.450

57, 32.949, 325.983

53, 44.026, 326.490

49, 54.478, 326.957

46, 63.911, 327.368

44, 71.896, 327.708

42, 78.049, 327.965

41, 82.136,

65, 10.127, 324.900

69, 1.212, 144.573

74, 12.333, 143.878

79, 23.173, 143.360

83, 33.695, 142.870

88, 43.887, 142.406

93, 53.748, 141.969

93, 54.217, 141.949

93, 54.217, 141.949

328.132

93, 54.217, 141.949

40, 84.415, 328.225

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

65, 10.127, 324.900

67, 10.109, 143.951

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

65, 10.127, 324.900

65, 10.127, 14.900

65, 10.127, 144.900

65, 10.127, 194.900

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

65, 10.125, 324.900

86, 4.214, 324.541

64, 8.380, 291.082

45, 3.190, 324.597

94, 0.011, 296.813

46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

65, 10.125, 324.900

81, 15.516, 325.028

65, 7.132, 344.332

33, 6.429, 324.921

35, 76.992, 328.233

2, 11.673, 324.439

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

65, 10.125, 324.900

81, 15.516, 325.028

68, 7.047, 162.971

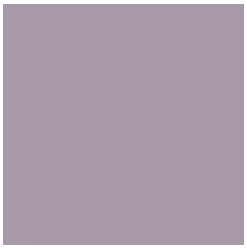
33, 6.429, 324.921

35, 76.992, 328.233

2, 11.673, 324.439

Previews

White Background

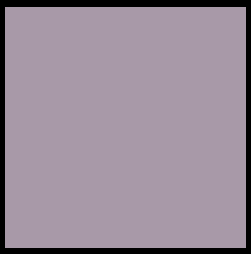


This preview shows how the CIELCh color 65, 10.127, 324.900 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



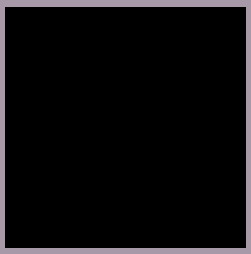
This preview shows how the CIELCh color 65, 10.127, 324.900 looks on a black background.

Color Contrast Check

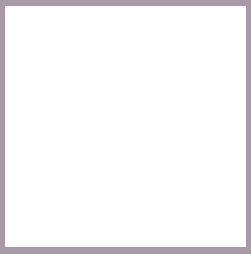
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 65, 10.127, 324.900 Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.127, 324.900.

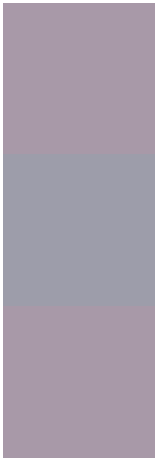


This preview shows how white text looks on a background with the CIELCh color 65, 10.127, 324.900.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



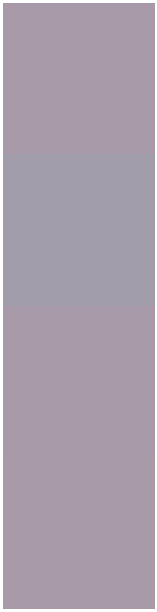
Original Color
65, 10.127, 324.900

Protanopia
65, 7.231, 290.948

Deuteranopia
65, 10.127, 324.900

Tritanopia
65, 8.562, 329.067

Trichromacy



Original Color
65, 10.127, 324.900

Protanomaly
65, 7.496, 305.318

Deuteranomaly
65, 10.127, 324.900

Tritanomaly
65, 8.999, 326.860

Monochromacy

Original Color
65, 10.127, 324.900

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.388, 324.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.127, 324.900 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(168, 153, 168) looks like.

```
.text, #text, p{
    color:rgb(168, 153, 168)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(168, 153, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 153, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.127, 324.900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 153, 168) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(168, 153, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(168, 153, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 153, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 153, 168); box-shadow:4px 4px 4px 4px rgb(168, 153, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.127, 324.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(168, 153, 168) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(168,
153, 168) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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