

Converting Colors

CIELCh(64, 5.474, 50.114)

Have a look what the booklet for
CIELCh(64, 5.474, 50.114) contains.

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Color

CIELCh(64, 5.475, 50.120)

Conversions

Conversions Part 1

Format	Color
Hex	A59994
RGB	165, 153, 148
RGB Percent	65%, 60%, 58%
CMY	0.3539, 0.4010, 0.4206
CMYK	0.00, 0.07, 0.10, 0.35
HSL	18°, 9%, 61%
HSV	18°, 10%, 65%
XYZ	32.1389, 32.8017, 32.5501
YIQ	156.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

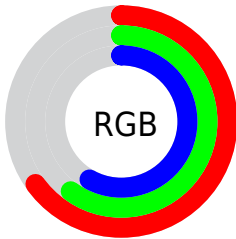
Format	Color
RYB	165, 155, 148
Decimal	10852756
CIELab	64.00, 3.51, 4.20
CIELCh	64, 5.475, 50.120
Yxy	32.8017, 0.3297, 0.3365
Android (android.graphics.Color)	4289042836 (0xFFA59994)
YUV	156.0180, -3.9529, 7.8772
Hunter-Lab	57.2727, -0.0611, 6.3943

Details

The CIELCh color **64, 5.475, 50.120** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 5.180, 231.678**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 5.474, 48.257**, and **44, 5.572, 52.119** is the 20% darker color. If you saturate the color by 10%, you get **61, 11.196, 49.625**, and if you desaturate by 10%, it is **68, 0.158, 48.056**.

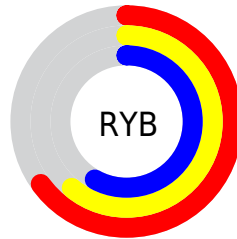
Distribution



Red (65%)

Green (60%)

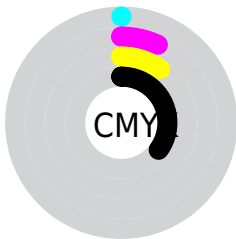
Blue (58%)



Red (65%)

Yellow (61%)

Blue (58%)

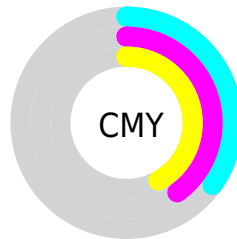


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.475, 50.120 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 64, 5.475, 50.120 by changing the saturation by 10% instead.

 64, 5.475, 50.120  64, 5.475, 50.120

 100, 5.475, 50.120  54, 5.475, 50.120

 84, 5.475, 50.120  44, 5.475, 50.120

 94, 5.475, 50.120  34, 5.475, 50.120

 24, 5.475, 50.120

 14, 5.475, 50.120

 4, 5.475, 50.120

 0, 5.475, 50.120

 64, 5.475, 50.120  64, 5.475, 50.120

 61, 11.196, 49.625  68, 0.158, 48.056

57, 17.360, 49.158

71, 4.795, 231.577

54, 23.997, 48.782

75, 9.426, 232.206

51, 31.115, 48.520

78, 13.774,
232.876

48, 38.683, 48.380

82, 17.872,
233.556

45, 46.586, 48.338

42, 54.543, 48.288

86, 21.752,
234.234

40, 61.928, 47.953

89, 23.734,
225.652

38, 68.168, 47.441

92, 25.502,
208.772

95, 28.156,
197.682

Harmonies

Complementary

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



64, 5.475, 50.120



65, 5.180, 231.678

Rectangle

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



64, 5.475, 50.120



64, 5.475, 100.120



64, 5.475, 230.120



64, 5.475, 280.120

Sweetspot

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



64, 5.475, 50.141



84, 1.917, 50.383



63, 9.453, 334.272



44, 1.456, 50.392



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 5.475, 50.141



80, 7.942, 50.043



66, 7.472, 98.202



33, 2.967, 50.194



33, 61.877, 47.739



2, 4.507, 47.433

Inverse Universe

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



65, 5.180, 231.678



82, 7.431, 231.824



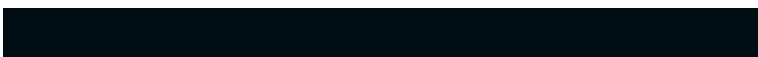
63, 7.553, 280.635



33, 2.825, 231.602



41, 31.661, 253.993



3, 4.482, 237.893

Previews

White Background



This preview shows how the CIELCh color 64, 5.475, 50.120 looks on a white background.

Color Contrast Check

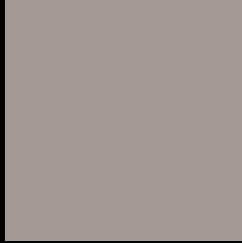
Large Text (above 18pt) WCAG AA × Fail

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 64, 5.475, 50.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

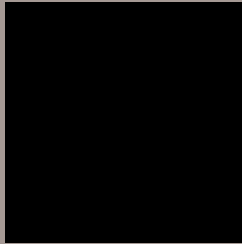
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 5.475, 50.120

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.475, 50.120.



This preview shows how white text looks on a background with the CIELCh color 64, 5.475, 50.120.

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


64, 5.475, 50.120

Protanopia

64, 3.381, 74.582

Deuteranopia

64, 9.202, 27.112



Tritanopia
64, 8.690, 335.412

Trichromacy



Original Color
64, 5.475, 50.120

Protanomaly
64, 3.886, 65.030

Deuteranomaly
64, 7.707, 32.474

Tritanomaly
64, 6.098, 352.826

Monochromacy



Original Color
64, 5.475, 50.120

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.892, 55.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.475, 50.120 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(165, 153, 148)` looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 148)  
}
```

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(165, 153, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.475, 50.120 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(165, 153, 148) }
```

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

```
.border{ border-color:rgb(165, 153, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 153, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 148);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.475, 50.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 153, 148) }
```

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

```
.background{ background-color: rgb(165,  
153, 148) }
```

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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