

Converting Colors

CIELCh(64, 13.039, 50.493)

Have a look what the booklet for
CIELCh(64, 13.039, 50.493) contains.

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Color

CIELCh(64, 13.008, 48.145)

Conversions

Conversions Part 1

Format	Color
Hex	B1958A
RGB	177, 149, 138
RGB Percent	69%, 58%, 54%
CMY	0.3048, 0.4146, 0.4578
CMYK	0.00, 0.16, 0.22, 0.30
HSL	17°, 20%, 62%
HSV	17°, 22%, 70%
XYZ	33.5910, 32.8017, 28.7054
YIQ	156.1180, 20.2190, 2.5150

Conversions

Conversions Part 2

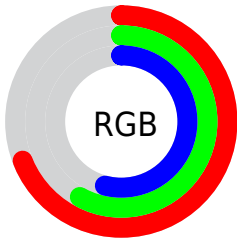
Format	Color
RYB	177, 153, 138
Decimal	11638154
CIELab	64.00, 8.68, 9.69
CIELCh	64, 13.008, 48.145
Yxy	32.8017, 0.3532, 0.3449
Android (android.graphics.Color)	4289828234 (0xFFB1958A)
YUV	156.1180, -8.9322, 18.3135
Hunter-Lab	57.2727, 4.4646, 10.3745

Details

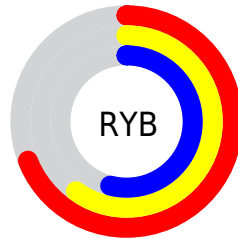
The CIELCh color **64, 13.008, 48.145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67, 11.417, 231.119**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 13.104, 48.729**, and **44, 13.142, 47.429** is the 20% darker color. If you saturate the color by 10%, you get **60, 19.674, 47.767**, and if you desaturate by 10%, it is **68, 6.829, 48.611**.

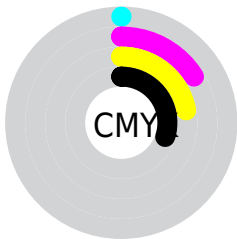
Distribution



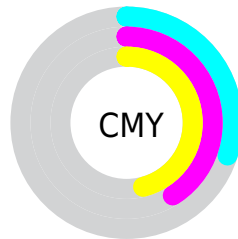
- Red (69%)
- Green (58%)
- Blue (54%)



- Red (69%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (30%)



- Cyan (30%)
- Magenta (41%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 13.008, 48.145 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, 13.008, 48.145 by changing the saturation by 10% instead.

 64, 13.008, 48.145

 64, 13.008, 48.145

 100, 13.008,
48.145

 54, 13.008, 48.145

 84, 13.008, 48.145

 44, 13.008, 48.145

 94, 13.008, 48.145

 34, 13.008, 48.145

 24, 13.008, 48.145

 14, 13.008, 48.145

 4, 13.008, 48.145

 0, 13.008, 48.145

 64, 13.008, 48.145

 64, 13.008, 48.145

 60, 19.674, 47.767

 68, 6.829, 48.611

57, 26.858, 47.483

72, 1.097, 48.805

53, 34.561, 47.328

75, 4.231, 229.944

50, 42.735, 47.308

79, 9.203, 230.513

47, 51.232, 47.388

83, 13.858,
231.141

45, 59.692, 47.436

87, 18.238,
231.785

42, 67.324, 47.111

91, 20.934,
222.825

41, 72.579, 46.694

94, 23.510,
202.936

95, 24.752,
197.891

Harmonies

Complementary

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



64, 13.008, 48.145



67, 11.417, 231.119

Rectangle

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



64, 13.008, 48.145



64, 13.008, 98.145



64, 13.008, 228.145



64, 13.008, 278.145

Sweetspot

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



64, 13.007, 48.155



88, 4.820, 48.825



62, 21.794, 334.440



46, 3.135, 48.803



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 13.007, 48.155



79, 19.287, 47.972



69, 16.737, 95.740



36, 3.206, 48.733



35, 64.817, 47.061



3, 7.690, 41.564

Inverse Universe

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



67, 11.417, 231.119



83, 16.433, 231.594



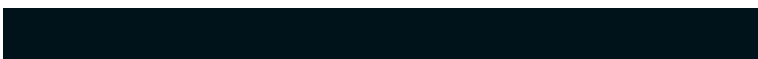
61, 17.040, 281.274



36, 3.046, 230.058



43, 32.367, 251.912



5, 7.544, 241.722

Previews

White Background



This preview shows how the CIELCh color 64, 13.008, 48.145 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 CIE LCh color 64, 13.008, 48.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

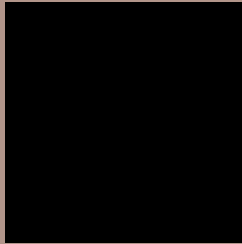
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 13.008, 48.145

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.008, 48.145.



This preview shows how white text looks on a background with the CIELCh color 64, 13.008, 48.145.

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, 13.008, 48.145

Protanopia

64, 8.120, 92.186

Deuteranopia

64, 12.569, 52.016



Tritanopia
64, 14.811, 354.223

Trichromacy



Original Color
64, 13.008, 48.145

Protanomaly
64, 9.162, 71.446

Deuteranomaly
64, 12.569, 52.016

Tritanomaly
64, 12.852, 10.752

Monochromacy



Original Color
64, 13.008, 48.145

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.492, 49.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.008, 48.145 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(177, 149, 138)` looks like.

```
.text, #text, p{  
    color:rgb(177, 149, 138)  
}
```

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(177, 149, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 149, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.008, 48.145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

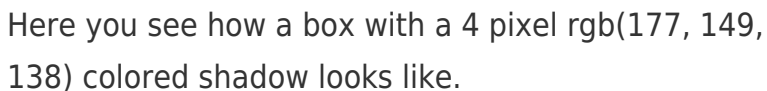
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 149, 138) }
```

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

```
.border{ border-color:rgb(177, 149, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 149, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 149, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 149, 138); box-shadow:4px 4px 4px 4px rgb(177, 149, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.008, 48.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 149, 138) }
```

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

```
.background{ background-color: rgb(177,  
149, 138) }
```

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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