

Converting Colors

CIELCh(65, 11.837, 56.045)

Have a look what the booklet for
CIELCh(65, 11.837, 56.045) contains.

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Color

CIELCh(65, 11.817, 54.122)

Conversions

Conversions Part 1

Format	Color
Hex	B1998D
RGB	177, 153, 141
RGB Percent	69%, 60%, 55%
CMY	0.3059, 0.4000, 0.4471
CMYK	0.00, 0.14, 0.20, 0.31
HSL	20°, 19%, 62%
HSV	20°, 20%, 69%
XYZ	34.3250, 34.0472, 29.9574
YIQ	158.8080, 18.1560, 1.3560

Conversions

Conversions Part 2

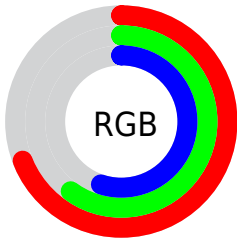
Format	Color
RYB	177, 159, 141
Decimal	11639181
CIELab	65.00, 6.93, 9.57
CIELCh	65, 11.817, 54.122
Yxy	34.0472, 0.3491, 0.3463
Android (android.graphics.Color)	4289829261 (0xFFB1998D)
YUV	158.8080, -8.7793, 15.9544
Hunter-Lab	58.3500, 2.8921, 10.4049

Details

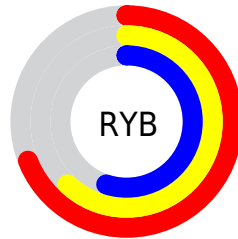
The CIELCh color $65, 11.817, 54.122$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 10.619, 237.773$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.709, 52.322$, and $45, 11.792, 53.750$ is the 20% darker color. If you saturate the color by 10%, you get $62, 18.282, 53.466$, and if you desaturate by 10%, it is $69, 5.796, 54.832$.

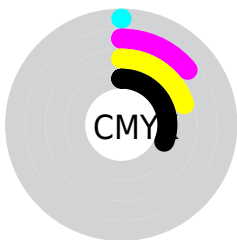
Distribution



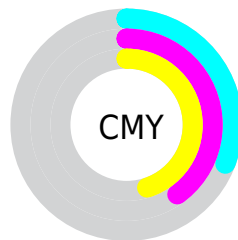
- Red (69%)
- Green (60%)
- Blue (55%)



- Red (69%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 11.817, 54.122 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, 11.817, 54.122 by changing the saturation by 10% instead.

■ 65, 11.817, 54.122

■ 65, 11.817, 54.122

■ 100, 11.817,
54.122

■ 55, 11.817, 54.122

■ 85, 11.817, 54.122

■ 45, 11.817, 54.122

■ 95, 11.817, 54.122

■ 35, 11.817, 54.122

■ 25, 11.817, 54.122

■ 15, 11.817, 54.122

■ 5, 11.817, 54.122

■ 0, 11.817, 54.122

■ 65, 11.817, 54.122

■ 65, 11.817, 54.122

■ 62, 18.282, 53.466

■ 69, 5.796, 54.832

58, 25.221, 52.866

72, 0.180, 53.215

55, 32.641, 52.353

76, 5.073, 236.574

52, 40.507, 51.926

79, 10.005,
237.343

49, 48.691, 51.552

83, 14.653,
238.141

46, 56.878, 51.116

44, 64.383, 50.335

87, 19.054,
238.938

42, 70.516, 49.245

90, 20.809,
227.589

93, 22.587,
208.164

95, 24.833,
197.886

Harmonies

Complementary

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



65, 11.817, 54.122



66, 10.619, 237.773

Rectangle

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



65, 11.817, 54.122



65, 11.817, 104.122



65, 11.817, 234.122



65, 11.817, 284.122

Sweetspot

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



65, 11.817, 54.133



88, 4.092, 55.102



63, 19.190, 337.117



47, 2.717, 55.066



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 11.817, 54.133



81, 17.479, 53.855



70, 16.500, 100.081



36, 3.185, 54.900



36, 63.073, 49.662



4, 7.572, 46.321

Inverse Universe

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



66, 10.619, 237.773



83, 15.334, 238.292



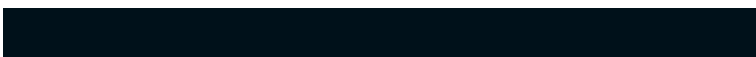
61, 16.956, 284.891



36, 3.044, 236.614



41, 35.090, 261.262



4, 7.725, 248.724

Previews

White Background



This preview shows how the CIELCh color 65, 11.817, 54.122 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 65, 11.817, 54.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

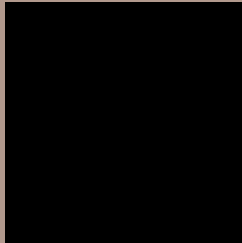
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 11.817, 54.122

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.817, 54.122.



This preview shows how white text looks on a background with the CIELCh color 65, 11.817, 54.122.

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, 11.817, 54.122

Protanopia

65, 8.226, 89.533

Deuteranopia

65, 12.583, 49.023



Tritanopia
65, 13.364, 350.946

Trichromacy



Original Color
65, 11.817, 54.122

Protanomaly
65, 9.343, 75.410

Deuteranomaly
65, 12.220, 49.939

Tritanomaly
65, 11.138, 11.912

Monochromacy



Original Color
65, 11.817, 54.122

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.461, 57.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.817, 54.122 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, 153, 141)` looks like.

```
.text, #text, p{  
    color:rgb(177, 153, 141)  
}
```

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, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 153, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.817, 54.122 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, 153, 141) }
```

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

```
.border{ border-color:rgb(177, 153, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 153, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 153, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 153, 141);  
box-shadow:4px 4px 4px 4px rgb(177, 153,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.817, 54.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 153, 141) }
```

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

```
.background{ background-color: rgb(177,  
153, 141) }
```

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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