

Converting Colors

CIELCh(65, 18.640, 62.914)

Have a look what the booklet for
CIELCh(65, 18.640, 62.914) contains.

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Color

CIELCh(65, 18.613, 62.929)

Conversions

Conversions Part 1

Format	Color
Hex	B89881
RGB	184, 152, 129
RGB Percent	72%, 60%, 51%
CMY	0.2800, 0.4054, 0.4956
CMYK	0.00, 0.17, 0.30, 0.28
HSL	25°, 28%, 61%
HSV	25°, 30%, 72%
XYZ	34.7738, 34.0472, 25.3774
YIQ	158.9460, 26.4550, -0.3690

Conversions

Conversions Part 2

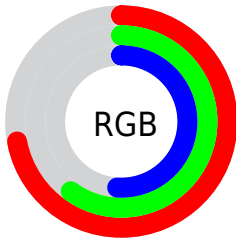
Format	Color
RYB	184, 169, 129
Decimal	12097665
CIELab	65.00, 8.47, 16.57
CIELCh	65, 18.613, 62.929
Yxy	34.0472, 0.3692, 0.3614
Android (android.graphics.Color)	4290287745 (0xFFB89881)
YUV	158.9460, -14.7634, 21.9724
Hunter-Lab	58.3500, 4.2651, 15.0587

Details

The CIELCh color $65, 18.613, 62.929$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $65, 16.431, 250.330$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 18.648, 62.156$, and $45, 18.458, 62.372$ is the 20% darker color. If you saturate the color by 10%, you get $62, 25.606, 61.933$, and if you desaturate by 10%, it is $68, 12.024, 63.961$.

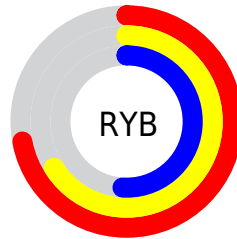
Distribution



Red (72%)

Green (60%)

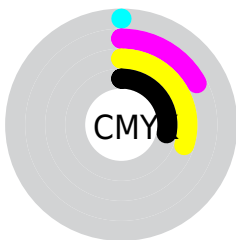
Blue (51%)



Red (72%)

Yellow (66%)

Blue (51%)

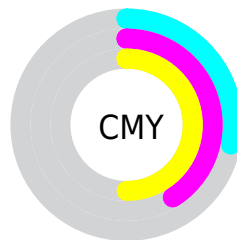


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (28%)



Cyan (28%)

Magenta (41%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 18.613, 62.929 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, 18.613, 62.929 by changing the saturation by 10% instead.

65, 18.613, 62.929

65, 18.613, 62.929

100, 18.613,
62.929

55, 18.613, 62.929

85, 18.613, 62.929

45, 18.613, 62.929

95, 18.613, 62.929

35, 18.613, 62.929

25, 18.613, 62.929

15, 18.613, 62.929

5, 18.613, 62.929

0, 18.613, 62.929

65, 18.613, 62.929

65, 18.613, 62.929

62, 25.606, 61.933

68, 12.024, 63.961

59, 33.003, 60.958

71, 5.817, 64.976

56, 40.754, 60.002

75, 0.040, 256.193

53, 48.711, 59.023

78, 5.582, 247.222

51, 56.532, 57.905

81, 10.845,
248.220

48, 63.529, 56.388

85, 15.861,
249.218

46, 69.204, 54.404

46, 69.239, 54.395

88, 19.882,
247.853

91, 19.208,
227.623

94, 20.820,
208.595

Harmonies

Complementary

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



65, 18.613, 62.929



65, 16.431, 250.330

Rectangle

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



65, 18.613, 62.929



65, 18.613, 112.929



65, 18.613, 242.929



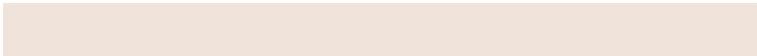
65, 18.613, 292.929

Sweetspot

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



65, 18.613, 62.937



91, 6.525, 65.053



60, 27.583, 341.904



48, 4.551, 64.911



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 18.613, 62.937



80, 28.371, 62.265



72, 27.126, 103.499



37, 3.309, 65.035



39, 61.024, 54.910



5, 8.715, 52.543

Inverse Universe

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



65, 16.431, 250.330



80, 24.258, 251.639



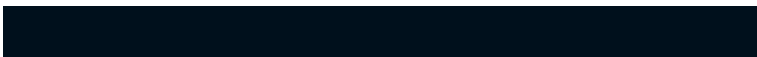
57, 28.773, 290.443



37, 3.200, 247.238



37, 41.803, 274.082



4, 9.472, 259.809

Previews

White Background



This preview shows how the CIELCh color 65, 18.613, 62.929 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, 18.613, 62.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

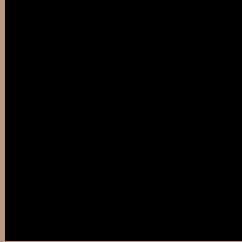
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 18.613, 62.929

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.613, 62.929.



This preview shows how white text looks on a background with the CIELCh color 65, 18.613, 62.929.

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, 18.613, 62.929

Protanopia

65, 15.358, 94.677

Deuteranopia

65, 18.300, 63.824



Tritanopia
65, 16.944, 358.129

Trichromacy



Original Color
65, 18.613, 62.929

Protanomaly
65, 16.035, 82.654

Deuteranomaly
65, 18.300, 63.824

Tritanomaly
65, 14.856, 22.916

Monochromacy



Original Color
65, 18.613, 62.929

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.481, 62.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.613, 62.929 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(184, 152, 129)` looks like.

```
.text, #text, p{  
    color:rgb(184, 152, 129)  
}
```

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(184, 152, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 152, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.613, 62.929 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(184, 152, 129) }
```

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

```
.border{ border-color:rgb(184, 152, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 152, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 152, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 152, 129);  
box-shadow:4px 4px 4px 4px rgb(184, 152,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.613, 62.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 152, 129) }
```

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

```
.background{ background-color: rgb(184,  
152, 129) }
```

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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