

Converting Colors

CIELCh(65, 12.404, 33.295)

Have a look what the booklet for
CIELCh(65, 12.404, 33.295) contains.

CIELCh(65, 12.386, 33.292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 12.386, 33.292)

Conversions

Conversions Part 1

Format	Color
Hex	B59792
RGB	181, 151, 146
RGB Percent	71%, 59%, 57%
CMY	0.2901, 0.4077, 0.4273
CMYK	0.00, 0.17, 0.19, 0.29
HSL	9°, 19%, 64%
HSV	9°, 19%, 71%
XYZ	35.3259, 34.0472, 31.9167
YIQ	159.4000, 19.4850, 4.8050

Conversions

Conversions Part 2

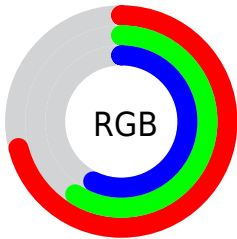
Format	Color
RYB	181, 152, 146
Decimal	11900818
CIELab	65.00, 10.35, 6.80
CIElCh	65, 12.386, 33.292
Yxy	34.0472, 0.3488, 0.3361
Android (android.graphics.Color)	4290090898 (0xFFB59792)
YUV	159.4000, -6.6062, 18.9432
Hunter-Lab	58.3500, 5.9540, 8.4141

Details

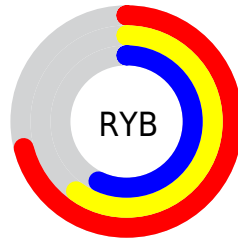
The CIELCh color $65, 12.386, 33.292$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 10.884, 213.269$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 12.344, 32.430$, and $45, 12.484, 31.754$ is the 20% darker color. If you saturate the color by 10%, you get $61, 19.586, 33.659$, and if you desaturate by 10%, it is $69, 5.737, 33.067$.

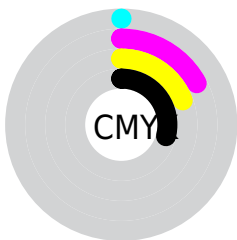
Distribution



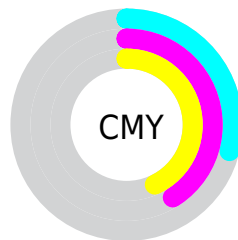
- Red (71%)
- Green (59%)
- Blue (57%)



- Red (71%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (17%)
- Yellow (19%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 12.386, 33.292 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, 12.386, 33.292 by changing the saturation by 10% instead.

■ 65, 12.386, 33.292

■ 65, 12.386, 33.292

■ 100, 12.386,
33.292

■ 55, 12.386, 33.292

■ 85, 12.386, 33.292

■ 45, 12.386, 33.292

■ 95, 12.386, 33.292

■ 35, 12.386, 33.292

■ 25, 12.386, 33.292

■ 15, 12.386, 33.292

■ 5, 12.386, 33.292

■ 0, 12.386, 33.292

■ 65, 12.386, 33.292

■ 65, 12.386, 33.292

■ 61, 19.586, 33.659

■ 69, 5.737, 33.067

56, 27.359, 34.210

74, 0.395, 214.390

53, 35.688, 35.008

79, 6.058, 213.193

49, 44.501, 36.103

83, 11.303,
213.240

46, 53.637, 37.510

88, 16.178,
213.360

43, 62.765, 39.154

41, 71.172, 40.717

92, 20.728,
213.522

39, 77.901, 41.894

95, 23.695,
197.957

39, 78.351, 42.025

Harmonies

Complementary

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



65, 12.386, 33.292



70, 10.884, 213.269

Rectangle

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



65, 12.386, 33.292



65, 12.386, 83.292



65, 12.386, 213.292



65, 12.386, 263.292

Sweetspot

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



65, 12.385, 33.302



90, 4.493, 32.984



65, 21.363, 329.434



47, 2.986, 33.003



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 12.385, 33.302



80, 18.497, 33.427



69, 13.158, 85.907



35, 3.441, 33.066



33, 68.692, 42.049



3, 8.257, 29.658

Inverse Universe

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



70, 10.884, 213.269



87, 15.775, 213.349



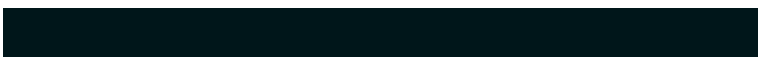
65, 13.002, 271.123



37, 3.244, 213.194



50, 29.830, 222.703



6, 7.710, 220.151

Previews

White Background



This preview shows how the CIELCh color 65, 12.386, 33.292 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, 12.386, 33.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

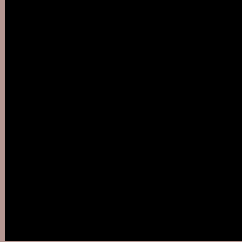
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 12.386, 33.292

Background



This preview shows how black text looks on a background with the CIELCh color 65, 12.386, 33.292.



This preview shows how white text looks on a background with the CIELCh color 65, 12.386, 33.292.

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, 12.386, 33.292

Protanopia

65, 5.002, 81.622

Deuteranopia

65, 10.956, 37.837



Tritanopia
65, 14.545, 356.169

Trichromacy



Original Color
65, 12.386, 33.292

Protanomaly
65, 7.091, 52.837

Deuteranomaly
65, 11.349, 37.242

Tritanomaly
65, 12.879, 8.294

Monochromacy



Original Color
65, 12.386, 33.292

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.416, 34.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 12.386, 33.292 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(181, 151, 146)` looks like.

```
.text, #text, p{  
    color:rgb(181, 151, 146)  
}
```

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(181, 151, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 151, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 12.386, 33.292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

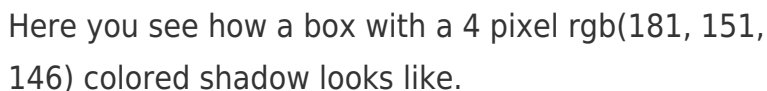
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 151, 146) }
```

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

```
.border{ border-color:rgb(181, 151, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 151, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 151, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 151, 146);  
box-shadow:4px 4px 4px 4px rgb(181, 151,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 12.386, 33.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 151, 146) }
```

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

```
.background{ background-color: rgb(181,  
151, 146) }
```

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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