

Converting Colors

CIELCh(65, 4.812, 33.035)

Have a look what the booklet for
CIELCh(65, 4.812, 33.035) contains.

CIELCh(65, 4.806, 33.034)	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, 4.806, 33.034)

Conversions

Conversions Part 1

Format	Color
Hex	A79B99
RGB	167, 155, 153
RGB Percent	65%, 61%, 60%
CMY	0.3443, 0.3914, 0.3993
CMYK	0.00, 0.07, 0.08, 0.34
HSL	9°, 7%, 63%
HSV	9°, 8%, 66%
XYZ	33.4941, 34.0472, 35.0241
YIQ	158.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

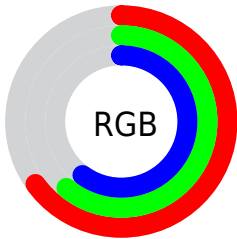
Format	Color
RYB	167, 155, 153
Decimal	10984345
CIELab	65.00, 4.03, 2.62
CIElCh	65, 4.806, 33.034
Yxy	34.0472, 0.3266, 0.3320
Android (android.graphics.Color)	4289174425 (0xFFA79B99)
YUV	158.3600, -2.6425, 7.5773
Hunter-Lab	58.3500, 0.3504, 5.2566

Details

The CIELCh color **65, 4.806, 33.034** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 4.559, 213.213**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 4.889, 32.006**, and **45, 4.786, 34.229** is the 20% darker color. If you saturate the color by 10%, you get **61, 10.983, 33.284**, and if you desaturate by 10%, it is **69, 0.896, 213.640**.

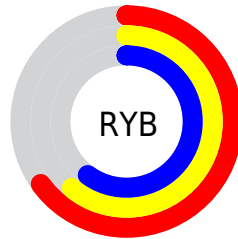
Distribution



Red (65%)

Green (61%)

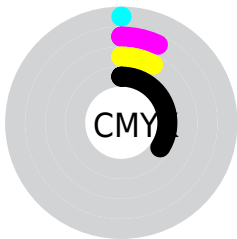
Blue (60%)



Red (65%)

Yellow (61%)

Blue (60%)

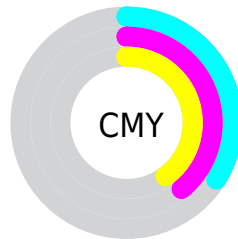


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 4.806, 33.034 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, 4.806, 33.034 by changing the saturation by 10% instead.

 65, 4.806, 33.034

 65, 4.806, 33.034

 100, 4.806, 33.034

 55, 4.806, 33.034

 85, 4.806, 33.034

 45, 4.806, 33.034

 95, 4.806, 33.034

 35, 4.806, 33.034

 25, 4.806, 33.034

 15, 4.806, 33.034

 5, 4.806, 33.034

 0, 4.806, 33.034

 65, 4.806, 33.034

 65, 4.806, 33.034

 61, 10.983, 33.284

 69, 0.896, 213.640

57, 17.673, 33.622

74, 6.166, 213.205

53, 24.896, 34.143

78, 11.050,
213.262

49, 32.641, 34.904

82, 15.592,
213.386

46, 40.849, 35.951

42, 49.384, 37.309

87, 19.835,
213.549

40, 57.969, 38.920

91, 23.815,
213.738

38, 66.012, 40.519

36, 72.647, 41.791

95, 27.508,
197.722

Harmonies

Complementary

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



65, 4.806, 33.034



67, 4.559, 213.213

Rectangle

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



65, 4.806, 33.034



65, 4.806, 83.034



65, 4.806, 213.034



65, 4.806, 263.034

Sweetspot

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



65, 4.805, 33.056



85, 2.080, 32.832



65, 8.630, 328.762



45, 1.595, 32.895



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 4.805, 33.056



81, 7.139, 33.096



67, 5.264, 87.292



33, 3.276, 33.077



31, 66.824, 41.992



2, 5.866, 30.977

Inverse Universe

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



67, 4.559, 213.213



84, 6.693, 213.206



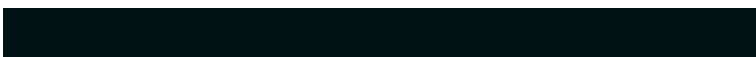
65, 5.250, 269.491



35, 3.090, 213.208



49, 29.101, 222.641



4, 5.597, 218.516

Previews

White Background



This preview shows how the CIELCh color 65, 4.806, 33.034 looks on a white background.

Color Contrast Check

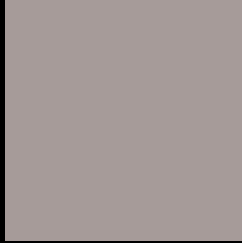
Large Text (above 18pt) WCAG AA × Fail

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 65, 4.806, 33.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

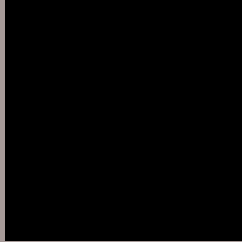
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 4.806, 33.034

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.806, 33.034.



This preview shows how white text looks on a background with the CIELCh color 65, 4.806, 33.034.

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, 4.806, 33.034

Protanopia

65, 2.256, 66.690

Deuteranopia

65, 8.250, 16.300



Tritanopia
65, 9.066, 332.913

Trichromacy



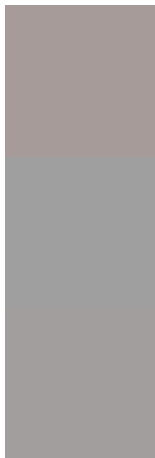
Original Color
65, 4.806, 33.034

Protanomaly
65, 2.921, 41.762

Deuteranomaly
65, 7.042, 20.000

Tritanomaly
65, 6.653, 344.279

Monochromacy



Original Color
65, 4.806, 33.034

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.627, 39.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.806, 33.034 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(167, 155, 153)` looks like.

```
.text, #text, p{  
    color:rgb(167, 155, 153)  
}
```

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(167, 155, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 155, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.806, 33.034 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(167, 155, 153) }
```

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

```
.border{ border-color:rgb(167, 155, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 155, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 155, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 155, 153);  
box-shadow:4px 4px 4px 4px rgb(167, 155,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.806, 33.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 155, 153) }
```

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

```
.background{ background-color: rgb(167,  
155, 153) }
```

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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