

Converting Colors

CIELCh(65, 5.117, 34.918)

Have a look what the booklet for
CIELCh(65, 5.117, 34.918) contains.

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Color

CIELCh(65, 5.192, 32.065)

Conversions

Conversions Part 1

Format	Color
Hex	A89B99
RGB	168, 155, 153
RGB Percent	66%, 61%, 60%
CMY	0.3413, 0.3923, 0.4002
CMYK	0.00, 0.08, 0.09, 0.34
HSL	8°, 8%, 63%
HSV	8°, 9%, 66%
XYZ	33.5998, 34.0472, 34.9196
YIQ	158.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

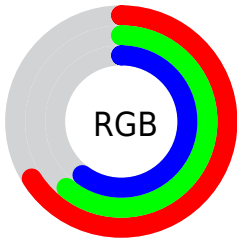
Format	Color
RYB	168, 155, 153
Decimal	11049881
CIELab	65.00, 4.40, 2.76
CIELCh	65, 5.192, 32.065
Yxy	34.0472, 0.3276, 0.3320
Android (android.graphics.Color)	4289239961 (0xFFA89B99)
YUV	158.6590, -2.7899, 8.1921
Hunter-Lab	58.3500, 0.6736, 5.3628

Details

The CIELCh color **65, 5.192, 32.065** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 4.907, 212.150**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 5.253, 31.166**, and **45, 5.204, 33.105** is the 20% darker color. If you saturate the color by 10%, you get **61, 11.465, 32.361**, and if you desaturate by 10%, it is **69, 0.599, 212.888**.

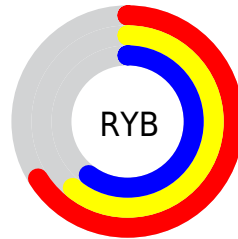
Distribution



Red (66%)

Green (61%)

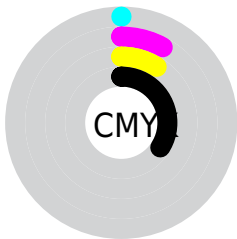
Blue (60%)



Red (66%)

Yellow (61%)

Blue (60%)

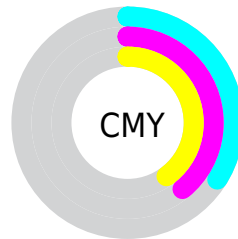


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (34%)



Cyan (34%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.192, 32.065 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, 5.192, 32.065 by changing the saturation by 10% instead.

 65, 5.192, 32.065

 65, 5.192, 32.065

 100, 5.192, 32.065

 55, 5.192, 32.065

 85, 5.192, 32.065

 45, 5.192, 32.065

 95, 5.192, 32.065

 35, 5.192, 32.065

 25, 5.192, 32.065

 15, 5.192, 32.065

 5, 5.192, 32.065

 0, 5.192, 32.065

 65, 5.192, 32.065

 65, 5.192, 32.065

 61, 11.465, 32.361

 69, 0.599, 212.888

57, 18.257, 32.758

74, 5.948, 212.141

53, 25.585, 33.349

78, 10.904,
212.156

49, 33.432, 34.191

82, 15.512,
212.243

45, 41.731, 35.335

42, 50.334, 36.805

87, 19.813,
212.373

40, 58.946, 38.539

91, 23.847,
212.530

37, 66.944, 40.247

36, 73.502, 41.666

95, 27.303,
197.734

Harmonies

Complementary

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



65, 5.192, 32.065



67, 4.907, 212.150

Rectangle

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



65, 5.192, 32.065



65, 5.192, 82.065



65, 5.192, 212.065



65, 5.192, 262.065

Sweetspot

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



65, 5.191, 32.086



86, 2.115, 31.825



65, 9.238, 328.797



45, 1.606, 31.891



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, 5.191, 32.086



82, 8.018, 32.145



67, 5.638, 87.225



33, 3.300, 32.095



31, 67.018, 41.748



2, 5.905, 30.124

Inverse Universe

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



67, 4.907, 212.150



85, 7.464, 212.136



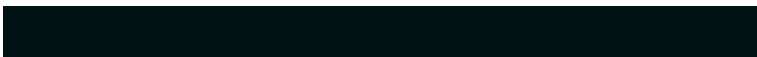
65, 5.620, 269.565



35, 3.112, 212.147



49, 29.197, 220.646



4, 5.637, 217.143

Previews

White Background



This preview shows how the CIELCh color 65, 5.192, 32.065 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, 5.192, 32.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

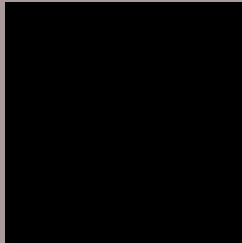
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 5.192, 32.065

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.192, 32.065.



This preview shows how white text looks on a background with the CIELCh color 65, 5.192, 32.065.

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, 5.192, 32.065

Protanopia

65, 2.256, 66.690

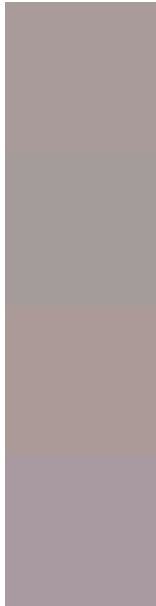
Deuteranopia

65, 8.651, 20.168



Tritanopia
65, 9.327, 334.686

Trichromacy



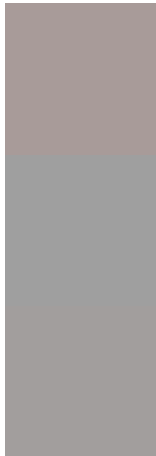
Original Color
65, 5.192, 32.065

Protanomaly
65, 3.287, 39.216

Deuteranomaly
65, 7.080, 24.464

Tritanomaly
65, 6.970, 346.184

Monochromacy



Original Color
65, 5.192, 32.065

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, 5.192, 32.065 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(168, 155, 153)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 155, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 155, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.192, 32.065 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(168, 155, 153) }
```

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

```
.border{ border-color:rgb(168, 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(168, 155, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 155, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 155, 153);  
box-shadow:4px 4px 4px 4px rgb(168, 155,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.192, 32.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 155, 153) }
```

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

```
.background{ background-color: rgb(168,  
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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