

Converting Colors

CIELCh(65, 3.293, 190.490)

Have a look what the booklet for
CIELCh(65, 3.293, 190.490) contains.

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Color

CIELCh(65, 3.445, 189.945)

Conversions

Conversions Part 1

Format	Color
Hex	97A09F
RGB	151, 160, 159
RGB Percent	59%, 63%, 62%
CMY	0.4093, 0.3740, 0.3779
CMYK	0.06, 0.00, 0.01, 0.37
HSL	173°, 5%, 61%
HSV	173°, 6%, 63%
XYZ	31.4264, 34.0472, 37.5474
YIQ	157.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

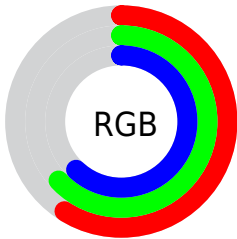
Format	Color
RYB	151, 156, 160
Decimal	9937055
CIELab	65.00, -3.39, -0.59
CIELCh	65, 3.445, 189.945
Yxy	34.0472, 0.3050, 0.3305
Android (android.graphics.Color)	4288127135 (0xFF97A09F)
YUV	157.1950, 0.8899, -5.4330
Hunter-Lab	58.3500, -5.9750, 2.6927

Details

The CIELCh color $65, 3.445, 189.945$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 3.544, 10.557$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 3.618, 190.947$, and $45, 3.679, 189.727$ is the 20% darker color. If you saturate the color by 10%, you get $64, 9.385, 189.062$, and if you desaturate by 10%, it is $66, 2.710, 10.392$.

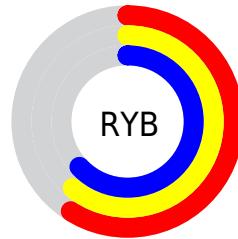
Distribution



Red (59%)

Green (63%)

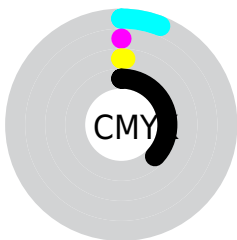
Blue (62%)



Red (59%)

Yellow (61%)

Blue (63%)

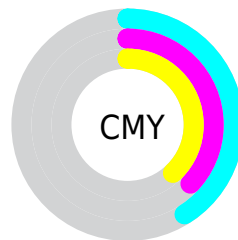


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 3.445, 189.945 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, 3.445, 189.945 by changing the saturation by 10% instead.

■ 65, 3.445, 189.945

■ 65, 3.445, 189.945

■ 100, 3.445,
189.945

■ 55, 3.445, 189.945

■ 85, 3.445, 189.945

■ 45, 3.445, 189.945

■ 95, 3.445, 189.945

■ 35, 3.445, 189.945

■ 25, 3.445, 189.945

■ 15, 3.445, 189.945

■ 5, 3.445, 189.945

■ 0, 3.445, 189.945

■ 65, 3.445, 189.945

■ 65, 3.445, 189.945

■ 64, 9.385, 189.062

■ 66, 2.710, 10.392

63, 15.018,
188.250

68, 9.006, 11.263

62, 20.250,
187.429

69, 15.378, 12.027

61, 24.980,
186.583

71, 21.776, 12.766

60, 29.117,
185.703

75, 34.499, 14.193

60, 32.583,
184.772

76, 37.877, 13.908

59, 35.333,
183.774

76, 37.881, 12.485

59, 37.360,
182.690

76, 37.911, 11.064

59, 38.723,
181.509

Harmonies

Complementary

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



65, 3.445, 189.945



63, 3.544, 10.557

Rectangle

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



65, 3.445, 189.945



65, 3.445, 239.945



65, 3.445, 9.945



65, 3.445, 59.945

Sweetspot

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



65, 3.446, 189.924



83, 1.515, 190.431



65, 5.882, 141.005



44, 0.868, 190.462



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 3.446, 189.924



82, 5.266, 189.781



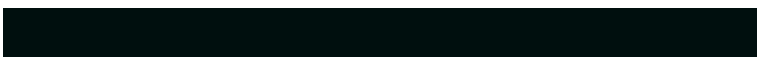
64, 2.814, 242.568



33, 2.736, 189.757



53, 36.117, 181.120



3, 4.568, 188.436

Inverse Universe

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



63, 3.544, 10.557



79, 5.454, 10.712



64, 2.873, 61.203



32, 2.837, 10.738



29, 63.227, 34.220



1, 4.534, 10.690

Previews

White Background



This preview shows how the CIELCh color 65, 3.445, 189.945 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, 3.445, 189.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

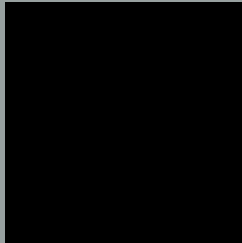
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

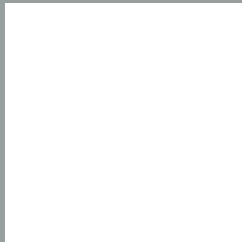
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 3.445, 189.945

Background



This preview shows how black text looks on a background with the CIELCh color 65, 3.445, 189.945.



This preview shows how white text looks on a background with the CIELCh color 65, 3.445, 189.945.

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

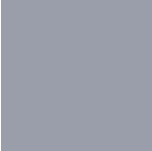
65, 3.445, 189.945

Protanopia

65, 1.151, 19.110

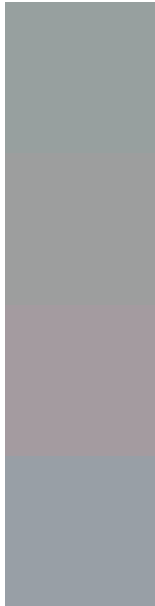
Deuteranopia

65, 8.311, 352.366



Tritanopia
65, 6.884, 275.422

Trichromacy



Original Color
65, 3.445, 189.945

Protanomaly
65, 0.380, 200.590

Deuteranomaly
65, 4.449, 341.119

Tritanomaly
65, 4.634, 256.554

Monochromacy



Original Color
65, 3.445, 189.945

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.139, 199.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 3.445, 189.945 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(151, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 159)  
}
```

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(151, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 3.445, 189.945 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(151, 160, 159) }
```

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

```
.border{ border-color:rgb(151, 160, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 3.445, 189.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 159) }
```

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

```
.background{ background-color: rgb(151,  
160, 159) }
```

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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