

Converting Colors

CIELCh(65, 31.877, 216.142)

Have a look what the booklet for
CIELCh(65, 31.877, 216.142)
contains.

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Color

CIELCh(65, 31.923, 215.572)

Conversions

Conversions Part 1

Format	Color
Hex	38ACBE
RGB	56, 172, 190
RGB Percent	22%, 67%, 75%
CMY	0.7805, 0.3256, 0.2550
CMYK	0.71, 0.09, 0.00, 0.26
HSL	188°, 54%, 48%
HSV	188°, 71%, 74%
XYZ	25.6644, 34.0472, 53.9138
YIQ	139.3680, -74.9140, -18.9940

Conversions

Conversions Part 2

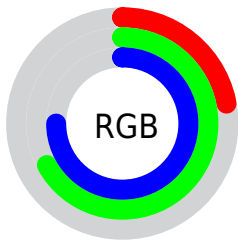
Format	Color
R _Y B	56, 118, 190
Decimal	3714238
CIE Lab	65.00, -25.97, -18.57
CIE LCh	65, 31.923, 215.572
Yxy	34.0472, 0.2259, 0.2996
Android (android.graphics.Color)	4281904318 (0xFF38ACBE)
YUV	139.3680, 24.9616, -73.1137
Hunter-Lab	58.3500, -23.6018, -13.9375

Details

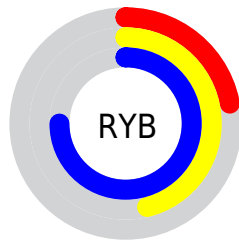
The CIELCh color **65, 31.923, 215.572** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 57.259, 37.223**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 31.903, 214.938**, and **46, 27.648, 220.013** is the 20% darker color. If you saturate the color by 10%, you get **64, 33.669, 217.135**, and if you desaturate by 10%, it is **66, 29.374, 214.380**.

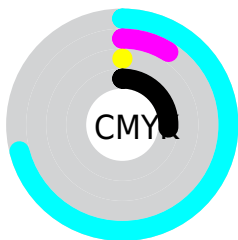
Distribution



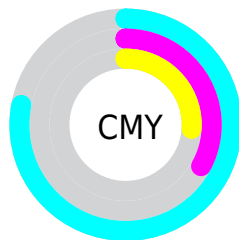
- Red (22%)
- Green (67%)
- Blue (75%)



- Red (22%)
- Yellow (46%)
- Blue (75%)



- Cyan (71%)
- Magenta (9%)
- Yellow (0%)
- Black (26%)





- Cyan (78%)
- Magenta (33%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 31.923, 215.572 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, 31.923, 215.572 by changing the saturation by 10% instead.


 65, 31.923,
215.572


 65, 31.923,
215.572


 100, 31.923,
215.572


 55, 31.923,
215.572


 85, 31.923,
215.572

 45, 31.923,
215.572

 95, 31.923,
215.572

 35, 31.923,
215.572

 25, 31.923,
215.572

 15, 31.923,
215.572

 5, 31.923, 215.572

 0, 31.923, 215.572

■ 65, 31.923,
215.572

■ 65, 31.923,
215.572

■ 64, 33.669,
217.135

■ 66, 29.374,
214.380

■ 63, 34.656,
219.123

■ 68, 26.042,
213.505

■ 62, 35.076,
221.354

■ 69, 21.987,
212.892

■ 71, 17.291,
212.496

■ 73, 12.054,
212.279

■ 75, 6.371, 212.224

■ 77, 0.337, 213.738

■ 79, 5.969, 32.160

Harmonies

Complementary

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



65, 31.923, 215.572



47, 57.259, 37.223

Rectangle

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



65, 31.923, 215.572



65, 31.923, 265.572



65, 31.923, 35.572



65, 31.923, 85.572

Sweetspot

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



65, 31.922, 215.571



92, 15.229, 212.290



68, 75.712, 141.286



49, 10.293, 212.338



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 31.922, 215.571



81, 41.862, 218.241



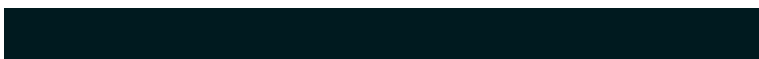
45, 50.986, 283.858



39, 3.417, 212.231



52, 30.641, 220.964



8, 9.871, 216.930

Inverse Universe

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



48, 73.394, 332.590



58, 98.848, 333.552



62, 51.780, 78.604



37, 6.444, 328.859



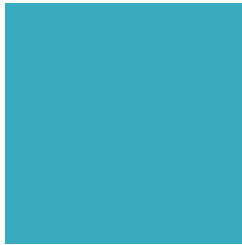
36, 72.868, 334.333



3, 18.815, 330.836

Previews

White Background



This preview shows how the CIELCh color 65, 31.923, 215.572 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, 31.923, 215.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

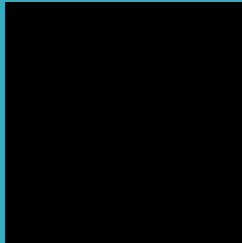
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 31.923, 215.572

Background



This preview shows how black text looks on a background with the CIELCh color 65, 31.923, 215.572.

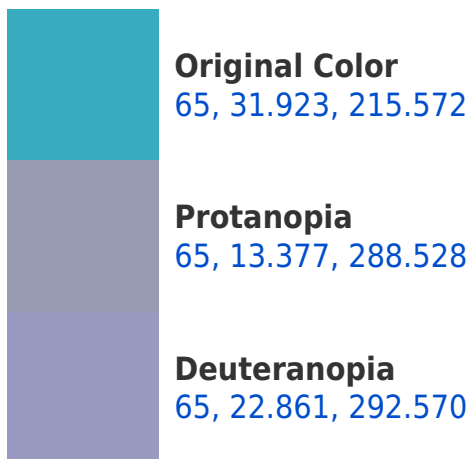


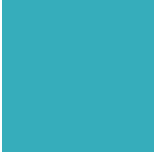
This preview shows how white text looks on a background with the CIELCh color 65, 31.923, 215.572.

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





Tritanopia
65, 32.293, 211.083

Trichromacy



Original Color
65, 31.923, 215.572



Protanomaly
64, 18.374, 240.694



Deuteranomaly
64, 22.280, 254.903



Tritanomaly
65, 32.165, 212.203

Monochromacy



Original Color
65, 31.923, 215.572



Achromatopsia
58, 0.007, 296.813



Achromatomaly
60, 15.016, 213.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 31.923, 215.572 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(56, 172, 190)` looks like.

```
.text, #text, p{  
    color:rgb(56, 172, 190)  
}
```

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(56, 172, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 172, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 31.923, 215.572 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(56, 172, 190) }
```

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

```
.border{ border-color:rgb(56, 172, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 172, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 172, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 172, 190);  
box-shadow:4px 4px 4px 4px rgb(56, 172,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 31.923, 215.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 172, 190) }
```

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

```
.background{ background-color: rgb(56, 172,  
190) }
```

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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