

Converting Colors

CIELCh(65, 30.819, 179.546)

Have a look what the booklet for
CIELCh(65, 30.819, 179.546)
contains.

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Color

CIELCh(65, 31.154, 179.050)

Conversions

Conversions Part 1

Format	Color
Hex	53AD9C
RGB	83, 173, 156
RGB Percent	33%, 68%, 61%
CMY	0.6752, 0.3222, 0.3889
CMYK	0.52, 0.00, 0.10, 0.32
HSL	169°, 35%, 50%
HSV	169°, 52%, 68%
XYZ	24.4490, 34.0472, 36.6618
YIQ	144.1520, -48.1830, -24.3670

Conversions

Conversions Part 2

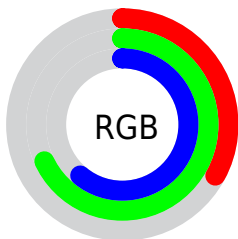
Format	Color
RYB	83, 133, 173
Decimal	5483932
CIELab	65.00, -31.15, 0.52
CIELCh	65, 31.154, 179.050
Yxy	34.0472, 0.2569, 0.3578
Android (android.graphics.Color)	4283674012 (0xFF53AD9C)
YUV	144.1520, 5.8411, -53.6303
Hunter-Lab	58.3500, -27.3197, 3.5926

Details

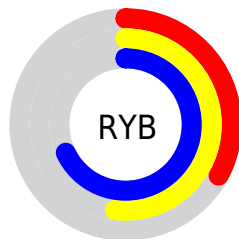
The CIELCh color **65, 31.154, 179.050** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 39.275, 11.369**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 31.304, 178.571**, and **45, 31.096, 179.224** is the 20% darker color. If you saturate the color by 10%, you get **64, 35.558, 177.843**, and if you desaturate by 10%, it is **66, 26.098, 180.158**.

Distribution



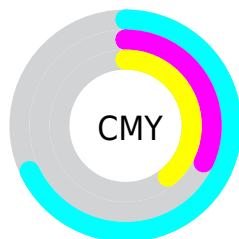
- Red (33%)
- Green (68%)
- Blue (61%)



- Red (33%)
- Yellow (52%)
- Blue (68%)



- Cyan (52%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)





- Cyan (68%)
- Magenta (32%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 31.154, 179.050 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, 31.154, 179.050 by changing the saturation by 10% instead.


 65, 31.154,
179.050


 65, 31.154,
179.050


 100, 31.154,
179.050


 55, 31.154,
179.050


 85, 31.154,
179.050

 45, 31.154,
179.050

 95, 31.154,
179.050

 35, 31.154,
179.050

 25, 31.154,
179.050

 15, 31.154,
179.050

 5, 31.154, 179.050

 0, 31.154, 179.050

65, 31.154,
179.050

65, 31.154,
179.050

64, 35.558,
177.843

66, 26.098,
180.158

64, 39.238,
176.520

67, 20.485,
181.191

63, 42.162,
175.056

68, 14.425,
182.167

63, 44.356,
173.435

69, 8.028, 183.108

63, 45.741,
172.086

70, 1.396, 184.256

72, 5.383, 4.681

73, 12.234, 5.540

75, 19.097, 6.338

77, 25.926, 7.105

Harmonies

Complementary

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



65, 31.154, 179.050



47, 39.275, 11.369

Rectangle

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



65, 31.154, 179.050



65, 31.154, 229.050



65, 31.154, 359.050



65, 31.154, 49.050

Sweetspot

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



65, 31.154, 179.048



87, 13.066, 182.714



64, 55.929, 135.803



46, 8.780, 182.528



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 31.154, 179.048



82, 43.706, 177.715



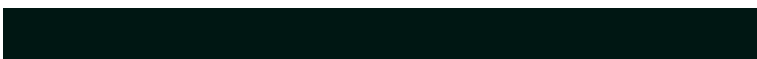
57, 23.975, 238.353



36, 3.788, 183.371



55, 41.194, 172.302



6, 8.371, 178.904

Inverse Universe

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



47, 39.275, 11.369



56, 57.939, 14.239



53, 33.664, 49.028



34, 3.932, 4.886



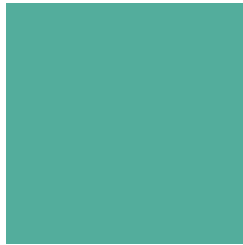
31, 62.623, 29.326



2, 8.018, 6.815

Previews

White Background



This preview shows how the CIELCh color 65, 31.154, 179.050 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, 31.154, 179.050 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, 31.154, 179.050

Background



This preview shows how black text looks on a background with the CIELCh color 65, 31.154, 179.050.

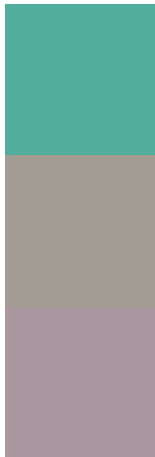


This preview shows how white text looks on a background with the CIELCh color 65, 31.154, 179.050.

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, 31.154, 179.050

Protanopia
65, 5.507, 84.228

Deuteranopia
65, 8.255, 347.632



Tritanopia
65, 24.680, 216.145

Trichromacy



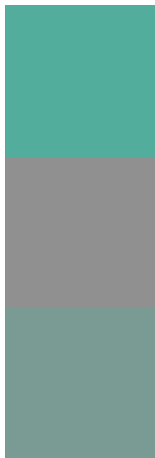
Original Color
65, 31.154, 179.050

Protanomaly
64, 12.872, 166.988

Deuteranomaly
64, 8.248, 190.928

Tritanomaly
65, 25.585, 201.093

Monochromacy



Original Color
65, 31.154, 179.050

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 12.385, 182.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 31.154, 179.050 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(83, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(83, 173, 156)  
}
```

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(83, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 173, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 31.154, 179.050 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(83, 173, 156) }
```

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

```
.border{ border-color:rgb(83, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(83, 173,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 31.154, 179.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 173, 156) }
```

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

```
.background{ background-color: rgb(83, 173,  
156) }
```

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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