

Converting Colors

CIELCh(65, 30.390, 169.604)

Have a look what the booklet for
CIELCh(65, 30.390, 169.604)
contains.

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Color

CIELCh(65, 30.390, 169.604)

Conversions

Conversions Part 1

Format	Color
Hex	5FAC93
RGB	95, 172, 147
RGB Percent	37%, 67%, 58%
CMY	0.6274, 0.3255, 0.4235
CMYK	0.45, 0.00, 0.15, 0.33
HSL	161°, 32%, 52%
HSV	161°, 45%, 67%
XYZ	24.7405, 34.0472, 32.8737
YIQ	146.1270, -37.8670, -24.0990

Conversions

Conversions Part 2

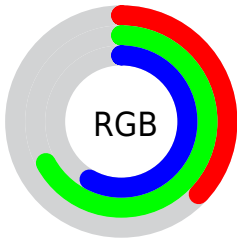
Format	Color
RYB	95, 141, 172
Decimal	6270099
CIELab	65.00, -29.89, 5.48
CIELCh	65, 30.390, 169.604
Yxy	34.0472, 0.2699, 0.3714
Android (android.graphics.Color)	4284460179 (0xFF5FAC93)
YUV	146.1270, 0.4304, -44.8384
Hunter-Lab	58.3500, -26.4281, 7.4416

Details

The CIELCh color **65, 30.390, 169.604** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **50, 34.262, 359.760**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 30.586, 169.613**, and **45, 30.430, 169.265** is the 20% darker color. If you saturate the color by 10%, you get **64, 36.166, 168.261**, and if you desaturate by 10%, it is **66, 24.113, 170.815**.

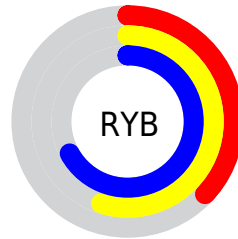
Distribution



Red (37%)

Green (67%)

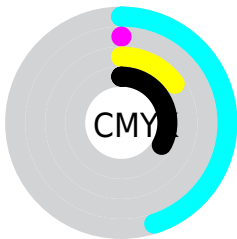
Blue (58%)



Red (37%)

Yellow (55%)

Blue (67%)

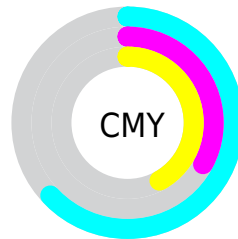


Cyan (45%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (63%)


Magenta (33%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 30.390, 169.604 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, 30.390, 169.604 by changing the saturation by 10% instead.


 65, 30.390,
169.604


 65, 30.390,
169.604


 100, 30.390,
169.604


 55, 30.390,
169.604


 85, 30.390,
169.604

 45, 30.390,
169.604

 95, 30.390,
169.604

 35, 30.390,
169.604

 25, 30.390,
169.604

 15, 30.390,
169.604

 5, 30.390, 169.604

 0, 30.390, 169.604

■ 65, 30.390,
169.604

■ 65, 30.390,
169.604

■ 64, 36.166,
168.261

■ 66, 24.113,
170.815

■ 64, 41.333,
166.766

■ 67, 17.449,
171.923

■ 63, 45.814,
165.094

■ 68, 10.513,
172.949

■ 63, 49.577,
163.227

■ 70, 3.411, 173.968

■ 62, 52.653,
161.163

■ 71, 3.767, 354.608

■ 62, 54.123,
160.076

■ 73, 10.949,
355.503

■ 75, 18.076,
356.295

■ 76, 25.107,
357.040

■ 78, 32.011,
357.748

Harmonies

Complementary

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



65, 30.390, 169.604



50, 34.262, 359.760

Rectangle

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



65, 30.390, 169.604



65, 30.390, 219.604



65, 30.390, 349.604



65, 30.390, 39.604

Sweetspot

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



65, 30.391, 169.603



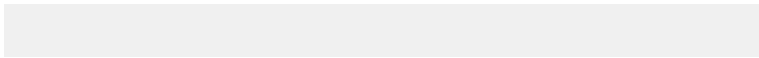
87, 11.505, 173.102



65, 46.404, 132.516



46, 8.027, 172.887



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, 30.391, 169.603



82, 44.242, 168.232



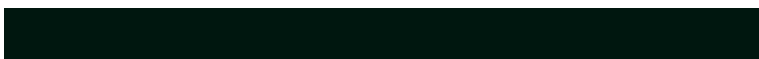
62, 21.537, 217.484



36, 4.073, 173.491



55, 48.835, 160.337



6, 9.179, 168.367

Inverse Universe

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



50, 34.262, 359.760



60, 51.130, 1.760



52, 30.008, 36.618



34, 4.173, 355.075



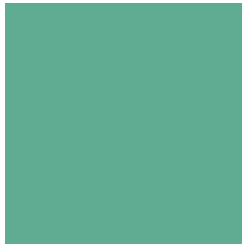
31, 58.258, 17.851



2, 8.398, 358.439

Previews

White Background



This preview shows how the CIE LCh color 65, 30.390, 169.604 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, 30.390, 169.604 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, 30.390, 169.604

Background



This preview shows how black text looks on a background with the CIELCh color 65, 30.390, 169.604.

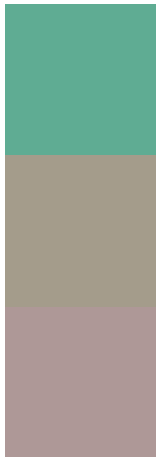


This preview shows how white text looks on a background with the CIELCh color 65, 30.390, 169.604.

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, 30.390, 169.604

Protanopia
65, 9.946, 90.295

Deuteranopia
65, 8.701, 23.803



Tritanopia
65, 21.382, 219.404

Trichromacy



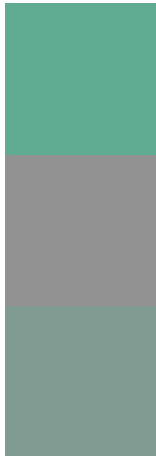
Original Color
65, 30.390, 169.604

Protanomaly
64, 14.300, 147.334

Deuteranomaly
64, 7.380, 156.099

Tritanomaly
65, 22.519, 197.531

Monochromacy



Original Color
65, 30.390, 169.604

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 11.757, 172.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 30.390, 169.604 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(95, 172, 147)` looks like.

```
.text, #text, p{  
    color:rgb(95, 172, 147)  
}
```

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(95, 172, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 172, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 30.390, 169.604 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(95, 172, 147) }
```

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

```
.border{ border-color:rgb(95, 172, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 172, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 172, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 172, 147);  
box-shadow:4px 4px 4px 4px rgb(95, 172,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 30.390, 169.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 172, 147) }
```

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

```
.background{ background-color: rgb(95, 172,  
147) }
```

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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