

Converting Colors

CIELCh(65, 30.979, 165.482)

Have a look what the booklet for
CIELCh(65, 30.979, 165.482)
contains.

CIELCh(65, 30.979, 165.482)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 30.979, 165.482)

Conversions

Conversions Part 1

Format	Color
Hex	62AC8F
RGB	98, 172, 143
RGB Percent	38%, 67%, 56%
CMY	0.6160, 0.3258, 0.4395
CMYK	0.43, 0.00, 0.17, 0.33
HSL	156°, 31%, 53%
HSV	156°, 43%, 67%
XYZ	24.7175, 34.0472, 31.2247
YIQ	146.5680, -34.7950, -24.7070

Conversions

Conversions Part 2

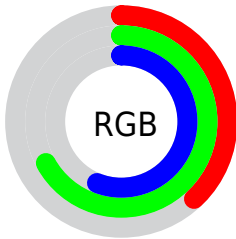
Format	Color
RYB	98, 144, 172
Decimal	6466703
CIELab	65.00, -29.99, 7.77
CIElCh	65, 30.979, 165.482
Yxy	34.0472, 0.2747, 0.3783
Android (android.graphics.Color)	4284656783 (0xFF62AC8F)
YUV	146.5680, -1.7590, -42.5941
Hunter-Lab	58.3500, -26.4983, 9.1172

Details

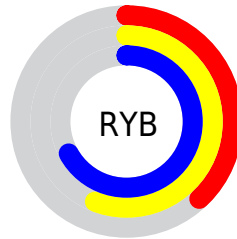
The CIELCh color $65, 30.979, 165.482$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $51, 33.763, 354.813$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 31.038, 165.614$, and $45, 30.786, 165.855$ is the 20% darker color. If you saturate the color by 10%, you get $64, 37.326, 164.134$, and if you desaturate by 10%, it is $66, 24.182, 166.689$.

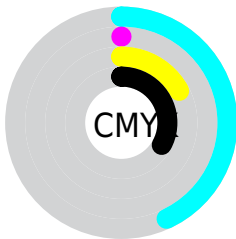
Distribution



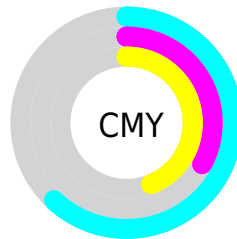
- Red (38%)
- Green (67%)
- Blue (56%)



- Red (38%)
- Yellow (56%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (17%)
- Black (33%)





- Cyan (62%)
- Magenta (33%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 30.979, 165.482 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, 30.979, 165.482 by changing the saturation by 10% instead.


 65, 30.979,
165.482


 65, 30.979,
165.482


 100, 30.979,
165.482


 55, 30.979,
165.482


 85, 30.979,
165.482

 45, 30.979,
165.482

 95, 30.979,
165.482

 35, 30.979,
165.482

 25, 30.979,
165.482

 15, 30.979,
165.482

 5, 30.979, 165.482

 0, 30.979, 165.482

■ 65, 30.979,
165.482

■ 65, 30.979,
165.482

■ 64, 37.326,
164.134

■ 66, 24.182,
166.689

■ 63, 43.106,
162.623

■ 67, 17.055,
167.782

■ 63, 48.227,
160.926

■ 68, 9.716, 168.788

■ 63, 52.638,
159.027

■ 70, 2.269, 169.829

■ 71, 5.202, 350.416

■ 62, 56.349,
156.923

■ 73, 12.626,
351.242

■ 62, 58.663,
155.424

■ 75, 19.952,
351.986

■ 77, 27.143,
352.681

■ 79, 34.174,
353.338

Harmonies

Complementary

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



65, 30.979, 165.482



51, 33.763, 354.813

Rectangle

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



65, 30.979, 165.482



65, 30.979, 215.482



65, 30.979, 345.482



65, 30.979, 35.482

Sweetspot

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



65, 30.980, 165.481



87, 12.027, 168.770



66, 43.799, 130.499



46, 8.397, 168.559



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, 30.980, 165.481



82, 45.459, 164.149



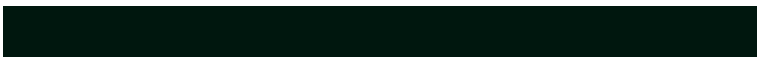
64, 21.863, 208.638



36, 4.252, 169.152



55, 52.918, 155.692



6, 9.624, 164.324

Inverse Universe

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



51, 33.763, 354.813



61, 50.342, 356.516



52, 30.058, 30.938



34, 4.334, 350.698



31, 57.197, 11.524



2, 8.648, 354.610

Previews

White Background



This preview shows how the CIELCh color 65, 30.979, 165.482 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, 30.979, 165.482 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, 30.979, 165.482

Background



This preview shows how black text looks on a background with the CIELCh color 65, 30.979, 165.482.

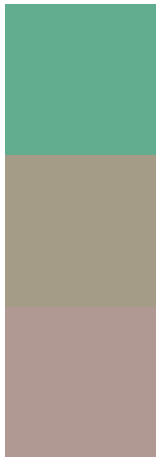


This preview shows how white text looks on a background with the CIELCh color 65, 30.979, 165.482.

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, 30.979, 165.482

Protanopia
65, 12.188, 91.476

Deuteranopia
65, 9.984, 36.241



Tritanopia
65, 20.516, 218.713

Trichromacy



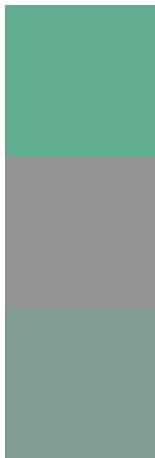
Original Color
65, 30.979, 165.482

Protanomaly
64, 15.693, 140.260

Deuteranomaly
64, 8.422, 139.811

Tritanomaly
65, 21.896, 194.634

Monochromacy



Original Color
65, 30.979, 165.482

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 11.405, 168.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 30.979, 165.482 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(98, 172, 143)` looks like.

```
.text, #text, p{  
    color:rgb(98, 172, 143)  
}
```

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(98, 172, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 172, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 30.979, 165.482 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(98, 172, 143) }
```

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

```
.border{ border-color:rgb(98, 172, 143) }
```

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

Here you see how a box with a 4 pixel rgb(98, 172, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 172, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 172, 143);  
box-shadow:4px 4px 4px 4px rgb(98, 172,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 30.979, 165.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 172, 143) }
```

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

```
.background{ background-color: rgb(98, 172,  
143) }
```

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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