

Converting Colors

CIELCh(65, 27.279, 180.456)

Have a look what the booklet for
CIELCh(65, 27.279, 180.456)
contains.

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Color

CIELCh(65, 27.285, 180.430)

Conversions

Conversions Part 1

Format	Color
Hex	5EAB9D
RGB	94, 171, 157
RGB Percent	37%, 67%, 62%
CMY	0.6305, 0.3285, 0.3834
CMYK	0.45, 0.00, 0.08, 0.33
HSL	169°, 31%, 52%
HSV	169°, 45%, 67%
XYZ	25.3515, 34.0472, 37.2349
YIQ	146.3810, -41.3980, -20.6780

Conversions

Conversions Part 2

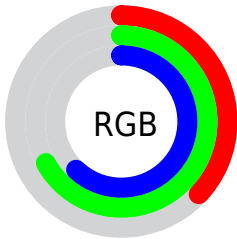
Format	Color
RYB	94, 136, 171
Decimal	6204317
CIELab	65.00, -27.28, -0.20
CIELCh	65, 27.285, 180.430
Yxy	34.0472, 0.2623, 0.3523
Android (android.graphics.Color)	4284394397 (0xFF5EAB9D)
YUV	146.3810, 5.2352, -45.9381
Hunter-Lab	58.3500, -24.5589, 3.0102

Details

The CIELCh color **65, 27.285, 180.430** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **49, 33.400, 10.388**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 27.454, 179.589**, and **45, 27.047, 180.971** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.086, 179.312**, and if you desaturate by 10%, it is **66, 21.900, 181.466**.

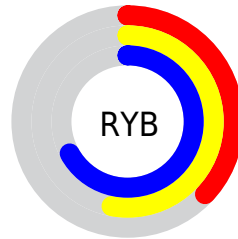
Distribution



Red (37%)

Green (67%)

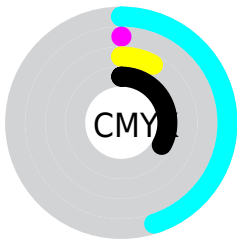
Blue (62%)



Red (37%)

Yellow (53%)

Blue (67%)

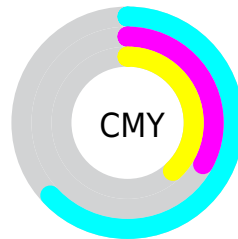


Cyan (45%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (63%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 27.285, 180.430 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, 27.285, 180.430 by changing the saturation by 10% instead.


 65, 27.285,
180.430


 65, 27.285,
180.430


 100, 27.285,
180.430


 55, 27.285,
180.430


 85, 27.285,
180.430

 45, 27.285,
180.430

 95, 27.285,
180.430

 35, 27.285,
180.430

 25, 27.285,
180.430

 15, 27.285,
180.430

 5, 27.285, 180.430

 0, 27.285, 180.430

65, 27.285,
180.430

65, 27.285,
180.430

64, 32.086,
179.312

66, 21.900,
181.466

64, 36.212,
178.098

67, 16.035,
182.444

63, 39.604,
176.764

68, 9.799, 183.382

63, 42.245,
175.288

69, 3.297, 184.354

63, 44.182,
173.657

71, 3.380, 4.923

63, 45.026,
172.824

72, 10.152, 5.829

74, 16.956, 6.636

76, 23.743, 7.409

78, 30.475, 8.156

Harmonies

Complementary

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



65, 27.285, 180.430



49, 33.400, 10.388

Rectangle

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



65, 27.285, 180.430



65, 27.285, 230.430



65, 27.285, 0.430



65, 27.285, 50.430

Sweetspot

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



65, 27.285, 180.428



86, 10.536, 183.544



64, 48.598, 136.718



46, 7.406, 183.343



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, 27.285, 180.428



81, 38.916, 179.315



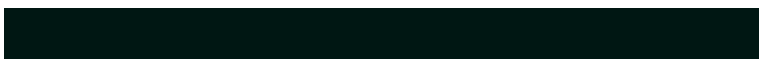
58, 21.236, 239.322



36, 3.776, 183.912



55, 40.841, 173.023



6, 8.336, 179.536

Inverse Universe

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



49, 33.400, 10.388



58, 49.994, 12.569



55, 27.941, 50.905



34, 3.923, 5.416



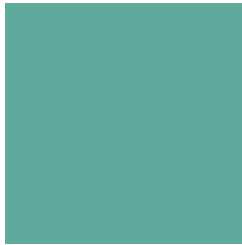
31, 62.903, 29.835



2, 8.003, 7.262

Previews

White Background



This preview shows how the CIE LCh color 65, 27.285, 180.430 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, 27.285, 180.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

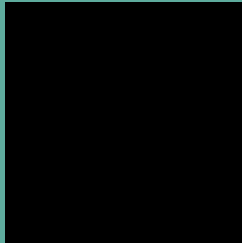
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 27.285, 180.430

Background



This preview shows how black text looks on a background with the CIELCh color 65, 27.285, 180.430.

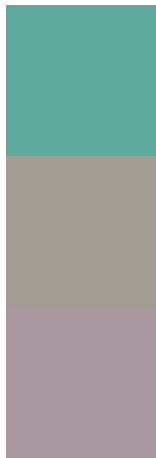


This preview shows how white text looks on a background with the CIELCh color 65, 27.285, 180.430.

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, 27.285, 180.430

Protanopia
65, 4.522, 78.422

Deuteranopia
65, 8.558, 344.484



Tritanopia
65, 22.260, 216.877

Trichromacy



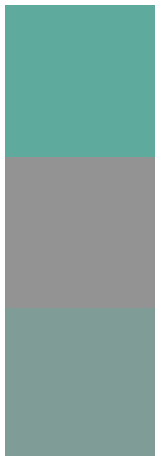
Original Color
65, 27.285, 180.430

Protanomaly
65, 11.003, 168.063

Deuteranomaly
64, 6.315, 203.995

Tritanomaly
65, 22.840, 201.759

Monochromacy



Original Color
65, 27.285, 180.430

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.820, 183.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 27.285, 180.430 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(94, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(94, 171, 157)  
}
```

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(94, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 171, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 27.285, 180.430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

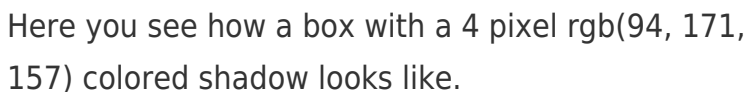
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 171, 157) }
```

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

```
.border{ border-color:rgb(94, 171, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 171, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 171, 157); box-shadow:4px 4px 4px 4px rgb(94, 171, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 27.285, 180.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 171, 157) }
```

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

```
.background{ background-color: rgb(94, 171,  
157) }
```

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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