

Converting Colors

CIELCh(65, 27.736, 186.846)

Have a look what the booklet for
CIELCh(65, 27.736, 186.846)
contains.

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Color

CIELCh(65, 27.923, 186.674)

Conversions

Conversions Part 1

Format	Color
Hex	58ACA3
RGB	88, 172, 163
RGB Percent	35%, 67%, 64%
CMY	0.6564, 0.3270, 0.3622
CMYK	0.49, 0.00, 0.05, 0.33
HSL	174°, 34%, 51%
HSV	174°, 49%, 67%
XYZ	25.2454, 34.0472, 39.7164
YIQ	145.8580, -47.1750, -20.6070

Conversions

Conversions Part 2

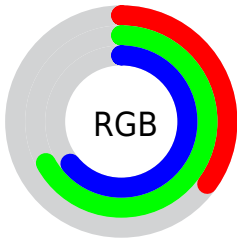
Format	Color
RYB	88, 132, 172
Decimal	5811363
CIELab	65.00, -27.73, -3.25
CIElCh	65, 27.923, 186.674
Yxy	34.0472, 0.2550, 0.3439
Android (android.graphics.Color)	4284001443 (0xFF58ACA3)
YUV	145.8580, 8.4510, -50.7415
Hunter-Lab	58.3500, -24.8834, 0.4887

Details

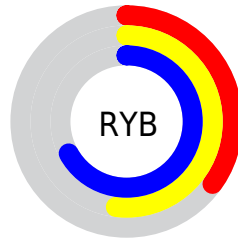
The CIELCh color **65, 27.923, 186.674** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **48, 36.777, 16.887**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 27.885, 186.571**, and **45, 27.908, 186.448** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.039, 185.788**, and if you desaturate by 10%, it is **66, 23.139, 187.518**.

Distribution



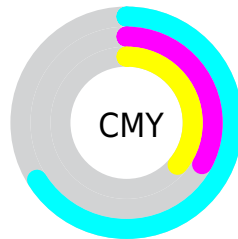
- Red (35%)
- Green (67%)
- Blue (64%)



- Red (35%)
- Yellow (52%)
- Blue (67%)



- Cyan (49%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)




- Cyan (66%)
- Magenta (33%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 27.923, 186.674 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, 27.923, 186.674 by changing the saturation by 10% instead.

 65, 27.923,
186.674


 65, 27.923,
186.674


 100, 27.923,
186.674


 55, 27.923,
186.674


 85, 27.923,
186.674

 45, 27.923,
186.674

 95, 27.923,
186.674

 35, 27.923,
186.674

 25, 27.923,
186.674

 15, 27.923,
186.674

 5, 27.923, 186.674

 0, 27.923, 186.674

65, 27.923,
186.674

65, 27.923,
186.674

64, 32.039,
185.788

66, 23.139,
187.518

64, 35.416,
184.852

67, 17.781,
188.339

63, 38.019,
183.845

68, 11.955,
189.146

63, 39.862,
182.749

69, 5.765, 189.969

63, 41.092,
181.571

70, 0.690, 9.963

72, 7.324, 11.346

63, 41.213,
181.448

73, 14.063, 12.124

75, 20.847, 12.870

77, 27.630, 13.598

Harmonies

Complementary

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



65, 27.923, 186.674



48, 36.777, 16.887

Rectangle

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



65, 27.923, 186.674



65, 27.923, 236.674



65, 27.923, 6.674



65, 27.923, 56.674

Sweetspot

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



65, 27.923, 186.672



86, 11.759, 189.445



64, 53.817, 138.047



46, 8.050, 189.279



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, 27.923, 186.672



81, 39.289, 185.690



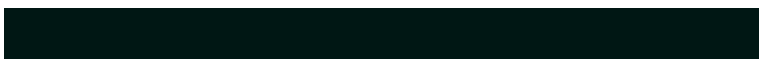
56, 23.803, 249.765



36, 3.675, 189.938



56, 37.361, 181.589



6, 8.012, 186.980

Inverse Universe

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



48, 36.777, 16.887



56, 55.463, 19.583



55, 30.534, 57.490



34, 3.849, 11.275



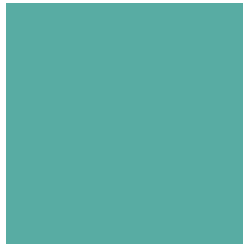
31, 66.028, 34.696



2, 7.877, 12.179

Previews

White Background



This preview shows how the CIELCh color 65, 27.923, 186.674 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, 27.923, 186.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

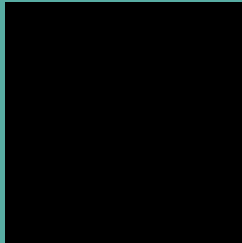
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

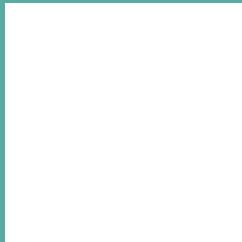
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 27.923, 186.674

Background



This preview shows how black text looks on a background with the CIELCh color 65, 27.923, 186.674.

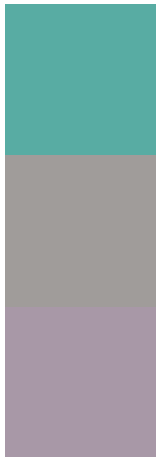


This preview shows how white text looks on a background with the CIELCh color 65, 27.923, 186.674.

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, 27.923, 186.674

Protanopia
65, 1.890, 55.189

Deuteranopia
65, 10.355, 326.670



Tritanopia
65, 24.157, 215.176

Trichromacy



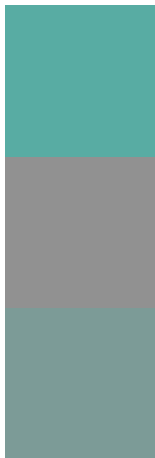
Original Color
65, 27.923, 186.674

Protanomaly
64, 10.757, 183.439

Deuteranomaly
64, 7.929, 223.906

Tritanomaly
65, 24.762, 203.916

Monochromacy



Original Color
65, 27.923, 186.674

Achromatopsia
60, 0.008, 296.813

Achromatomaly
62, 11.685, 187.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 27.923, 186.674 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(88, 172, 163)` looks like.

```
.text, #text, p{  
    color:rgb(88, 172, 163)  
}
```

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(88, 172, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 172, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 27.923, 186.674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

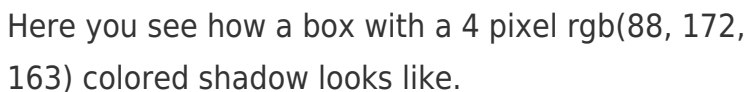
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 172, 163) }
```

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

```
.border{ border-color:rgb(88, 172, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 172, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(88, 172, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(88, 172, 163); box-shadow:4px 4px 4px 4px rgb(88, 172, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 27.923, 186.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 172, 163) }
```

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

```
.background{ background-color: rgb(88, 172,  
163) }
```

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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