

Converting Colors

CIELCh(67, 35.177, 212.555)

Have a look what the booklet for
CIELCh(67, 35.177, 212.555)
contains.

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Color

CIELCh(67, 35.180, 212.545)

Conversions

Conversions Part 1

Format	Color
Hex	25B3C4
RGB	37, 179, 196
RGB Percent	15%, 70%, 77%
CMY	0.8547, 0.2979, 0.2313
CMYK	0.81, 0.09, 0.00, 0.23
HSL	186°, 68%, 46%
HSV	186°, 81%, 77%
XYZ	26.8571, 36.6320, 57.8959
YIQ	138.4800, -90.0890, -24.8170

Conversions

Conversions Part 2

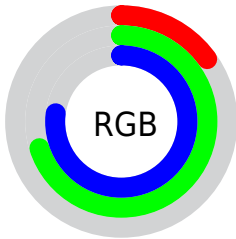
Format	Color
R _Y B	37, 112, 196
Decimal	2470852
CIE Lab	67.00, -29.66, -18.93
CIE LCh	67, 35.180, 212.545
Yxy	36.6320, 0.2213, 0.3018
Android (android.graphics.Color)	4280660932 (0xFF25B3C4)
YUV	138.4800, 28.3574, -88.9980
Hunter-Lab	60.5244, -26.7100, -14.3481

Details

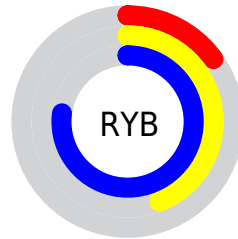
The CIELCh color **67, 35.180, 212.545** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **45, 69.874, 37.926**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 35.116, 213.060**, and **48, 28.657, 216.291** is the 20% darker color. If you saturate the color by 10%, you get **66, 36.103, 214.071**, and if you desaturate by 10%, it is **68, 33.448, 211.359**.

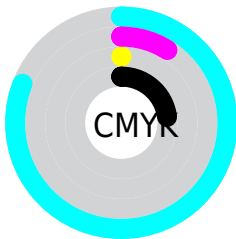
Distribution



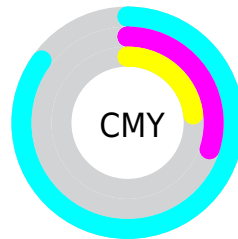
- Red (15%)
- Green (70%)
- Blue (77%)



- Red (15%)
- Yellow (44%)
- Blue (77%)



- Cyan (81%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)





- Cyan (85%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 35.180, 212.545 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 67, 35.180, 212.545 by changing the saturation by 10% instead.

 67, 35.180,
212.545


 67, 35.180,
212.545


 100, 35.180,
212.545


 57, 35.180,
212.545


 87, 35.180,
212.545

 47, 35.180,
212.545

 97, 35.180,
212.545

 37, 35.180,
212.545

 27, 35.180,
212.545

 17, 35.180,
212.545

 7, 35.180, 212.545

 0, 35.180, 212.545

67, 35.180,
212.545

67, 35.180,
212.545

66, 36.103,
214.071

68, 33.448,
211.359

65, 36.424,
215.685

69, 30.868,
210.477

70, 27.455,
209.854

72, 23.270,
209.451

73, 18.400,
209.231

75, 12.948,
209.163

77, 7.018, 209.235

79, 0.709, 210.059

Harmonies

Complementary

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



67, 35.180, 212.545



45, 69.874, 37.926

Rectangle

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



67, 35.180, 212.545



67, 35.180, 262.545



67, 35.180, 32.545



67, 35.180, 82.545

Sweetspot

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



67, 35.179, 212.544



94, 18.035, 209.169



70, 87.289, 138.961



50, 12.226, 209.194



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 35.179, 212.544



83, 44.291, 215.438



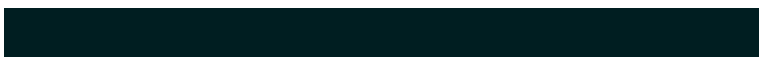
44, 57.469, 285.171



40, 3.570, 209.266



54, 31.461, 215.368



9, 11.084, 210.980

Inverse Universe

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



47, 82.671, 332.064



59, 105.851, 332.953



60, 59.618, 73.745



38, 6.715, 327.997



37, 75.291, 332.949



4, 21.910, 330.243

Previews

White Background



This preview shows how the CIELCh color 67, 35.180, 212.545 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 67, 35.180, 212.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

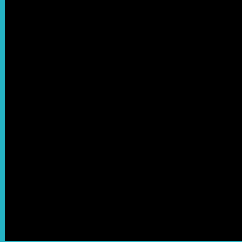
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 35.180, 212.545

Background



This preview shows how black text looks on a background with the CIELCh color 67, 35.180, 212.545.

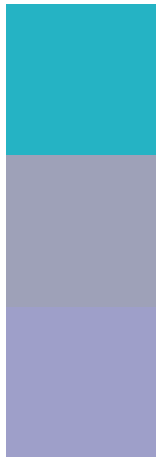


This preview shows how white text looks on a background with the CIELCh color 67, 35.180, 212.545.

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

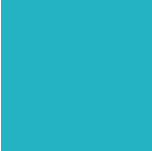
67, 35.180, 212.545

Protanopia

67, 12.752, 286.681

Deuteranopia

67, 23.252, 291.710



Tritanopia
67, 35.359, 210.542

Trichromacy



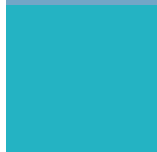
Original Color
67, 35.180, 212.545



Protanomaly
66, 20.262, 231.639



Deuteranomaly
66, 23.862, 249.055

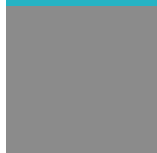


Tritanomaly
67, 35.265, 211.541

Monochromacy



Original Color
67, 35.180, 212.545



Achromatopsia
58, 0.007, 296.813



Achromatomaly
60, 17.883, 208.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 35.180, 212.545 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(37, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(37, 179, 196)  
}
```

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(37, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 179, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 35.180, 212.545 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(37, 179, 196) }
```

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

```
.border{ border-color:rgb(37, 179, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 179, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 179, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 179, 196);  
box-shadow:4px 4px 4px 4px rgb(37, 179,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 35.180, 212.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 179, 196) }
```

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

```
.background{ background-color: rgb(37, 179,  
196) }
```

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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