

Converting Colors

CIELCh(67, 30.866, 200.764)

Have a look what the booklet for
CIELCh(67, 30.866, 200.764)
contains.

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Color

CIELCh(67, 30.887, 201.132)

Conversions

Conversions Part 1

Format	Color
Hex	48B2B6
RGB	72, 178, 182
RGB Percent	28%, 70%, 71%
CMY	0.7173, 0.3017, 0.2860
CMYK	0.60, 0.02, 0.00, 0.29
HSL	182°, 43%, 50%
HSV	182°, 60%, 71%
XYZ	27.0653, 36.6320, 49.9402
YIQ	146.7620, -64.4600, -21.2280

Conversions

Conversions Part 2

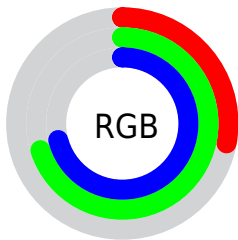
Format	Color
RYB	72, 126, 182
Decimal	4764342
CIELab	67.00, -28.81, -11.14
CIElCh	67, 30.887, 201.132
Yxy	36.6320, 0.2382, 0.3224
Android (android.graphics.Color)	4282954422 (0xFF48B2B6)
YUV	146.7620, 17.3723, -65.5663
Hunter-Lab	60.5244, -26.0959, -6.5547

Details

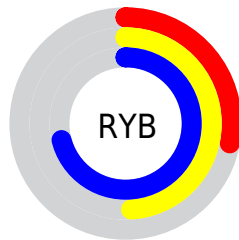
The CIELCh color **67, 30.887, 201.132** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 49.051, 29.439**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 30.847, 201.352**, and **47, 29.000, 201.229** is the 20% darker color. If you saturate the color by 10%, you get **66, 33.593, 201.232**, and if you desaturate by 10%, it is **68, 27.367, 201.148**.

Distribution



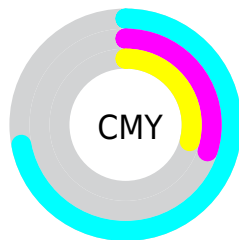
- Red (28%)
- Green (70%)
- Blue (71%)



- Red (28%)
- Yellow (49%)
- Blue (71%)



- Cyan (60%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)





- Cyan (72%)
- Magenta (30%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 30.887, 201.132 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, 30.887, 201.132 by changing the saturation by 10% instead.


 67, 30.887,
201.132


 67, 30.887,
201.132


 100, 30.887,
201.132


 57, 30.887,
201.132


 87, 30.887,
201.132

 47, 30.887,
201.132

 97, 30.887,
201.132

 37, 30.887,
201.132

 27, 30.887,
201.132

 17, 30.887,
201.132

 7, 30.887, 201.132

 0, 30.887, 201.132

67, 30.887,
201.132

67, 30.887,
201.132

66, 33.593,
201.232

68, 27.367,
201.148

66, 35.470,
201.464

69, 23.090,
201.272

65, 36.553,
201.830

70, 18.140,
201.492

65, 37.030,
202.287

71, 12.617,
201.798

72, 6.625, 202.195

74, 0.264, 204.492

76, 6.374, 22.904

77, 13.210, 23.433

79, 20.177, 23.957

Harmonies

Complementary

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



67, 30.887, 201.132



46, 49.051, 29.439

Rectangle

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



67, 30.887, 201.132



67, 30.887, 251.132



67, 30.887, 21.132



67, 30.887, 71.132

Sweetspot

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



67, 30.887, 201.130



91, 13.888, 201.873



66, 68.799, 140.049



48, 9.639, 201.770



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 30.887, 201.130



84, 41.695, 201.284



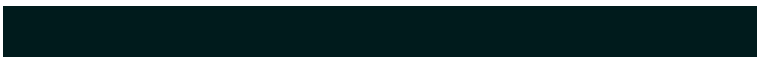
51, 36.129, 271.480



38, 3.641, 202.245



56, 32.984, 202.212



8, 9.928, 202.784

Inverse Universe

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



49, 67.797, 328.563



60, 94.645, 329.050



59, 41.292, 71.067



36, 6.741, 325.917



36, 77.676, 329.711



3, 18.143, 326.136

Previews

White Background



This preview shows how the CIELCh color 67, 30.887, 201.132 looks on a white background.

Color Contrast Check

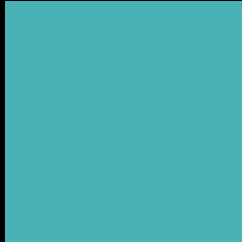
Large Text (above 18pt) WCAG AA × Fail

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, 30.887, 201.132 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

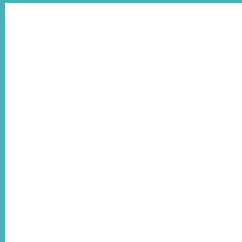
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 30.887, 201.132

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.887, 201.132.

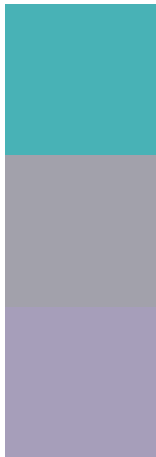


This preview shows how white text looks on a background with the CIELCh color 67, 30.887, 201.132.

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, 30.887, 201.132

Protanopia
67, 5.556, 294.592

Deuteranopia
67, 15.832, 302.205



Tritanopia
67, 29.651, 212.515

Trichromacy



Original Color
67, 30.887, 201.132



Protanomaly
66, 13.791, 217.249



Deuteranomaly
66, 15.466, 244.803



Tritanomaly
67, 29.808, 209.056

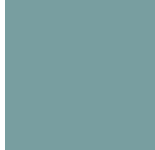
Monochromacy



Original Color
67, 30.887, 201.132



Achromatopsia
61, 0.008, 296.813



Achromatomaly
62, 13.526, 203.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.887, 201.132 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(72, 178, 182)` looks like.

```
.text, #text, p{  
    color:rgb(72, 178, 182)  
}
```

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(72, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 178, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.887, 201.132 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(72, 178, 182) }
```

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

```
.border{ border-color:rgb(72, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(72, 178,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.887, 201.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 178, 182) }
```

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

```
.background{ background-color: rgb(72, 178,  
182) }
```

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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