

Converting Colors

CIELCh(67, 46.540, 256.281)

Have a look what the booklet for
CIELCh(67, 46.540, 256.281)
contains.

CIELCh(67, 46.569, 256.352)	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(67, 46.569, 256.352)

Conversions

Conversions Part 1

Format	Color
Hex	1BADF4
RGB	27, 173, 244
RGB Percent	11%, 68%, 96%
CMY	0.8945, 0.3217, 0.0433
CMYK	0.89, 0.29, 0.00, 0.04
HSL	200°, 91%, 53%
HSV	200°, 89%, 96%
XYZ	31.7069, 36.6320, 90.9534
YIQ	137.4400, -109.8070, -8.8710

Conversions

Conversions Part 2

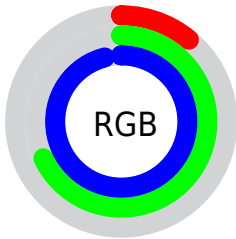
Format	Color
RYB	27, 114, 244
Decimal	1814004
CIELab	67.00, -10.99, -45.25
CIELCh	67, 46.569, 256.352
Yxy	36.6320, 0.1990, 0.2300
Android (android.graphics.Color)	4280004084 (0xFF1BADF4)
YUV	137.4400, 52.5341, -96.8559
Hunter-Lab	60.5244, -12.4067, -46.7314

Details

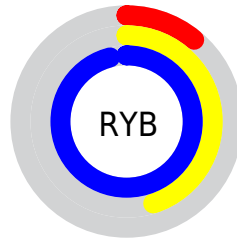
The CIELCh color **67, 46.569, 256.352** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **60, 82.544, 49.877**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 33.671, 222.769**, and **49, 42.576, 265.367** is the 20% darker color. If you saturate the color by 10%, you get **65, 49.721, 261.459**, and if you desaturate by 10%, it is **70, 43.237, 251.763**.

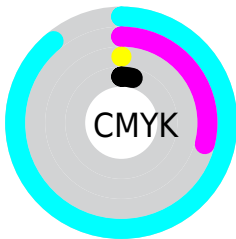
Distribution



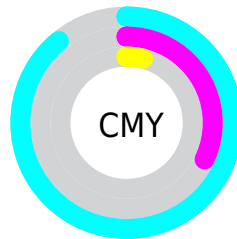
- Red (11%)
- Green (68%)
- Blue (96%)



- Red (11%)
- Yellow (45%)
- Blue (96%)



- Cyan (89%)
- Magenta (29%)
- Yellow (0%)
- Black (4%)





- Cyan (89%)
- Magenta (32%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 46.569, 256.352 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, 46.569, 256.352 by changing the saturation by 10% instead.

 67, 46.569,
256.352


 67, 46.569,
256.352


 100, 46.569,
256.352


 57, 46.569,
256.352


 87, 46.569,
256.352

 47, 46.569,
256.352

 97, 46.569,
256.352

 37, 46.569,
256.352

 27, 46.569,
256.352

 17, 46.569,
256.352

 7, 46.569, 256.352

 0, 46.569, 256.352

67, 46.569,
256.352

67, 46.569,
256.352

65, 49.721,
261.459

70, 43.237,
251.763

64, 50.056,
261.976

73, 39.505,
247.846

76, 35.250,
244.600

79, 30.427,
241.961

82, 25.050,
239.843

86, 19.174,
238.154

89, 12.870,
236.817

93, 6.216, 235.788

Harmonies

Complementary

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



67, 46.569, 256.352



60, 82.544, 49.877

Rectangle

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



67, 46.569, 256.352



67, 46.569, 306.352



67, 46.569, 76.352



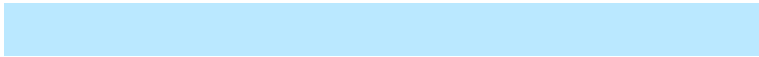
67, 46.569, 126.352

Sweetspot

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



67, 46.568, 256.353



90, 18.614, 237.873



85, 95.545, 143.486



46, 12.428, 238.385



0, 0.000, 0.000



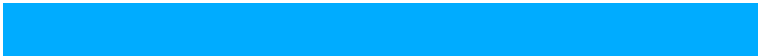
53, 0.007, 296.813

Same Dimension

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



67, 46.568, 256.353



67, 51.835, 262.110



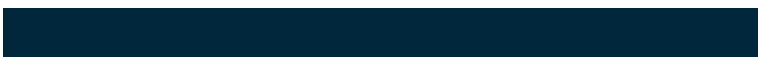
39, 104.913, 300.638



49, 3.943, 235.833



50, 40.461, 261.025



14, 16.775, 253.071

Inverse Universe

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



55, 86.872, 344.974



56, 90.438, 347.434



83, 80.854, 90.590



48, 6.962, 336.038



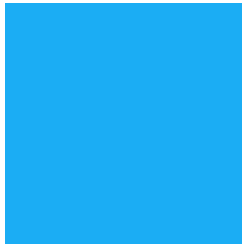
41, 71.657, 346.943



10, 32.736, 343.721

Previews

White Background



This preview shows how the CIE LCh color 67, 46.569, 256.352 looks on a white background.

Color Contrast Check

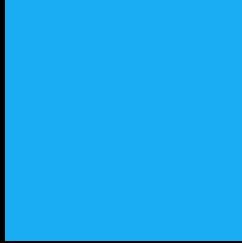
Large Text (above 18pt) WCAG AA × Fail

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, 46.569, 256.352 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

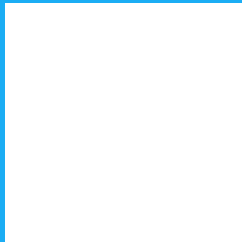
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 46.569, 256.352

Background



This preview shows how black text looks on a background with the CIELCh color 67, 46.569, 256.352.

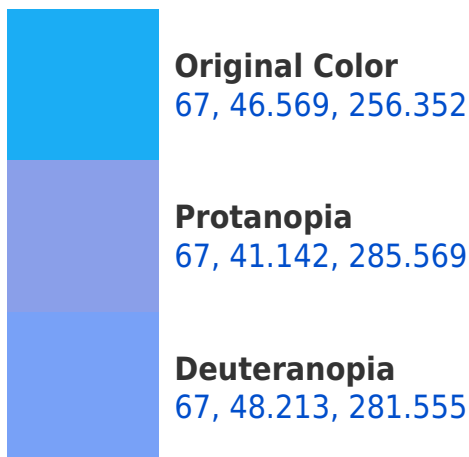


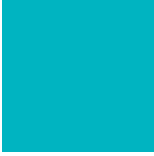
This preview shows how white text looks on a background with the CIELCh color 67, 46.569, 256.352.

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





Tritanopia
67, 37.282, 207.892

Trichromacy



Original Color
67, 46.569, 256.352

Protanomaly
66, 42.972, 270.389

Deuteranomaly
66, 47.588, 270.611

Tritanomaly
67, 37.628, 228.512

Monochromacy



Original Color
67, 46.569, 256.352

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 21.787, 241.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 46.569, 256.352 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(27, 173, 244)` looks like.

```
.text, #text, p{  
    color:rgb(27, 173, 244)  
}
```

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(27, 173, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 173, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 46.569, 256.352 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(27, 173, 244) }
```

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

```
.border{ border-color:rgb(27, 173, 244) }
```

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

Here you see how a box with a 4 pixel rgb(27, 173, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 173, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 173, 244);  
box-shadow:4px 4px 4px 4px rgb(27, 173,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 46.569, 256.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 173, 244) }
```

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

```
.background{ background-color: rgb(27, 173,  
244) }
```

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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