

Converting Colors

CIELCh(67, 42.469, 246.305)

Have a look what the booklet for
CIELCh(67, 42.469, 246.305)
contains.

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Color

CIELCh(67, 42.434, 246.291)

Conversions

Conversions Part 1

Format	Color
Hex	08AFE8
RGB	8, 175, 232
RGB Percent	3%, 69%, 91%
CMY	0.9674, 0.3129, 0.0893
CMYK	0.96, 0.25, 0.00, 0.09
HSL	195°, 93%, 47%
HSV	195°, 96%, 91%
XYZ	30.0698, 36.6320, 81.9916
YIQ	131.5650, -117.8290, -17.6770

Conversions

Conversions Part 2

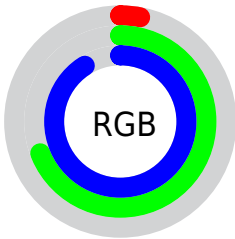
Format	Color
RYB	8, 104, 232
Decimal	569320
CIELab	67.00, -17.06, -38.85
CIElCh	67, 42.434, 246.291
Yxy	36.6320, 0.2022, 0.2464
Android (android.graphics.Color)	4278759400 (0xFF08AFE8)
YUV	131.5650, 49.5145, -108.3665
Hunter-Lab	60.5244, -17.2350, -37.9524

Details

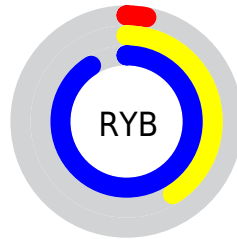
The CIELCh color **67, 42.434, 246.291** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **53, 88.144, 45.222**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 35.195, 218.615**, and **49, 37.084, 256.132** is the 20% darker color. If you saturate the color by 10%, you get **66, 43.037, 247.963**, and if you desaturate by 10%, it is **69, 40.665, 241.828**.

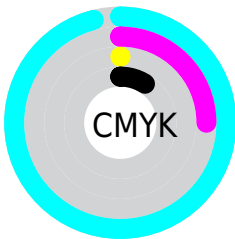
Distribution



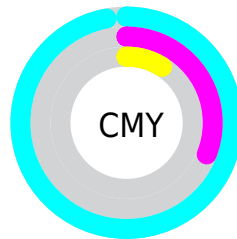
- Red (3%)
- Green (69%)
- Blue (91%)



- Red (3%)
- Yellow (41%)
- Blue (91%)



- Cyan (96%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)





- Cyan (97%)
- Magenta (31%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 42.434, 246.291 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, 42.434, 246.291 by changing the saturation by 10% instead.


 67, 42.434,
246.291


 67, 42.434,
246.291


 100, 42.434,
246.291


 57, 42.434,
246.291


 87, 42.434,
246.291

 47, 42.434,
246.291

 97, 42.434,
246.291

 37, 42.434,
246.291

 27, 42.434,
246.291

 17, 42.434,
246.291

 7, 42.434, 246.291

 0, 42.434, 246.291

67, 42.434,
246.291

67, 42.434,
246.291

66, 43.037,
247.963

69, 40.665,
241.828

71, 38.401,
238.053

73, 35.483,
234.968

76, 31.845,
232.502

78, 27.491,
230.562

81, 22.475,
229.057

84, 16.881,
227.904

87, 10.801,

227.037

■ 90, 4.327, 226.449

Harmonies

Complementary

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



67, 42.434, 246.291



53, 88.144, 45.222

Rectangle

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



67, 42.434, 246.291



67, 42.434, 296.291



67, 42.434, 66.291



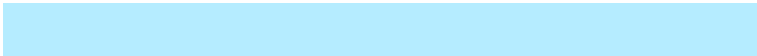
67, 42.434, 116.291

Sweetspot

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



67, 42.433, 246.292



90, 19.815, 228.188



81, 100.878, 140.057



47, 13.396, 228.680



0, 0.000, 0.000



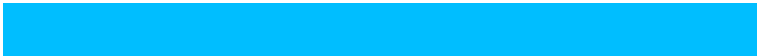
53, 0.007, 296.813

Same Dimension

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



67, 42.433, 246.292



72, 46.268, 248.232



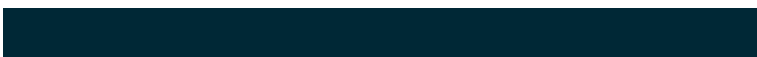
37, 100.514, 300.046



48, 3.835, 226.590



53, 35.549, 247.124



14, 14.700, 239.276

Inverse Universe

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



52, 88.324, 341.367



57, 94.813, 342.016



75, 77.348, 83.782



46, 7.080, 333.104



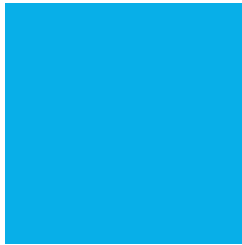
41, 73.591, 341.647



8, 32.359, 339.216

Previews

White Background



This preview shows how the CIELCh color 67, 42.434, 246.291 looks on a white background.

Color Contrast Check

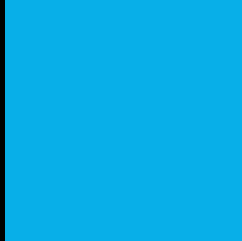
Large Text (above 18pt) WCAG AA × Fail

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, 42.434, 246.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

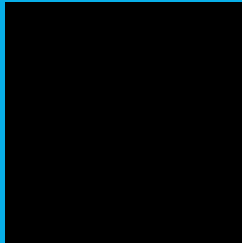
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 42.434, 246.291

Background



This preview shows how black text looks on a background with the CIELCh color 67, 42.434, 246.291.

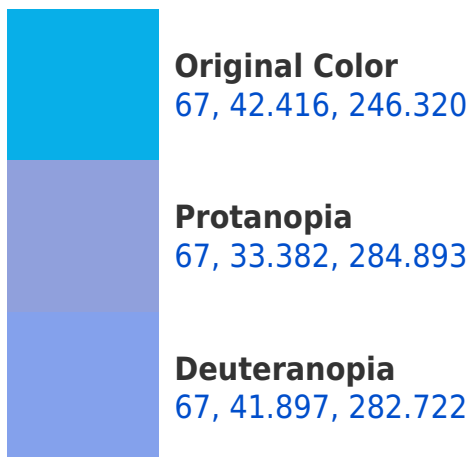


This preview shows how white text looks on a background with the CIELCh color 67, 42.434, 246.291.

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, 37.239, 208.804

Trichromacy



Original Color
67, 42.416, 246.320



Protanomaly
66, 36.469, 261.308



Deuteranomaly
66, 42.009, 265.224



Tritanomaly
67, 37.335, 223.731

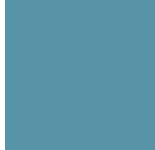
Monochromacy



Original Color
67, 42.416, 246.320



Achromatopsia
55, 0.007, 296.813



Achromatomaly
58, 21.871, 229.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 42.434, 246.291 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(8, 175, 232)` looks like.

```
.text, #text, p{  
    color:rgb(8, 175, 232)  
}
```

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(8, 175, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 175, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 42.434, 246.291 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(8, 175, 232) }
```

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

```
.border{ border-color:rgb(8, 175, 232) }
```

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

Here you see how a box with a 4 pixel rgb(8, 175, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 175, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 175, 232);  
box-shadow:4px 4px 4px 4px rgb(8, 175,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 42.434, 246.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 175, 232) }
```

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

```
.background{ background-color: rgb(8, 175,  
232) }
```

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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