

Converting Colors

CIELCh(67, 51.706, 263.076)

Have a look what the booklet for
CIELCh(67, 51.706, 263.076)
contains.

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Color

CIELCh(67, 51.750, 263.211)

Conversions

Conversions Part 1

Format	Color
Hex	18ABFF
RGB	24, 171, 255
RGB Percent	9%, 67%, 100%
CMY	0.9065, 0.3286, 0.0000
CMYK	0.91, 0.33, 0.00, 0.00
HSL	202°, 100%, 55%
HSV	202°, 91%, 100%
XYZ	33.0619, 36.6320, 100.1304
YIQ	136.6230, -114.5760, -5.0400

Conversions

Conversions Part 2

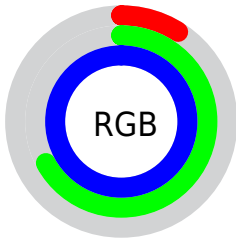
Format	Color
R _Y B	24, 114, 255
Decimal	1616895
CIE Lab	67.00, -6.12, -51.39
CIE LCh	67, 51.750, 263.211
Yxy	36.6320, 0.1947, 0.2157
Android (android.graphics.Color)	4279806975 (0xFF18ABFF)
YUV	136.6230, 58.3599, -98.7704
Hunter-Lab	60.5244, -8.4107, -55.7212

Details

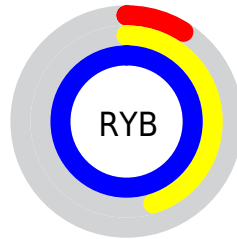
The CIELCh color **67, 51.750, 263.211** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **63, 85.478, 51.919**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 33.369, 225.148**, and **49, 48.788, 272.468** is the 20% darker color. If you saturate the color by 10%, you get **64, 55.474, 267.938**, and if you desaturate by 10%, it is **70, 47.546, 258.288**.

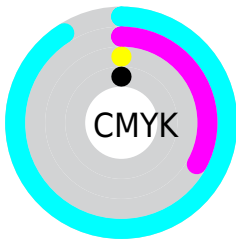
Distribution



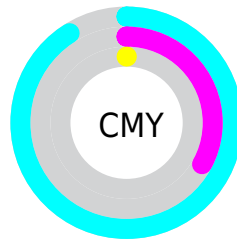
- Red (9%)
- Green (67%)
- Blue (100%)



- Red (9%)
- Yellow (45%)
- Blue (100%)



- Cyan (91%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (91%)
- Magenta (33%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.750, 263.211 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, 51.750, 263.211 by changing the saturation by 10% instead.


 67, 51.750,
263.211


 67, 51.750,
263.211


 100, 51.750,
263.211


 57, 51.750,
263.211


 87, 51.750,
263.211

 47, 51.750,
263.211

 97, 51.750,
263.211

 37, 51.750,
263.211

 27, 51.750,
263.211

 17, 51.750,
263.211

 7, 51.750, 263.211

 0, 51.750, 263.211

67, 51.750,
263.211

67, 51.750,
263.211

64, 55.474,
267.938

70, 47.546,
258.288

73, 43.181,
254.077

77, 38.407,
250.521

80, 33.150,
247.583

84, 27.401,
245.189

88, 21.196,
243.254

92, 14.596,
241.698

96, 7.668, 240.466

100, 0.480,
240.538

Harmonies

Complementary

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



67, 51.750, 263.211



63, 85.478, 51.919

Rectangle

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



67, 51.750, 263.211



67, 51.750, 313.211



67, 51.750, 83.211



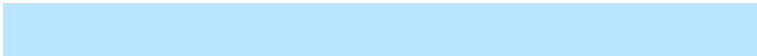
67, 51.750, 133.211

Sweetspot

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



67, 51.652, 263.106



89, 18.831, 242.646



88, 97.483, 144.285



46, 12.589, 243.214



0, 0.000, 0.000



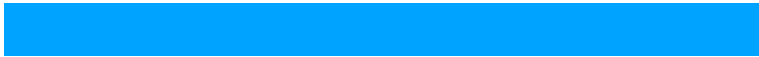
53, 0.007, 296.813

Same Dimension

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



67, 51.652, 263.106



64, 55.474, 267.938



39, 114.940, 302.284



51, 4.102, 240.346



49, 44.138, 266.965



15, 18.743, 259.695

Inverse Universe

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



57, 88.327, 347.909



56, 88.668, 350.335



88, 85.809, 92.928



50, 7.021, 337.589



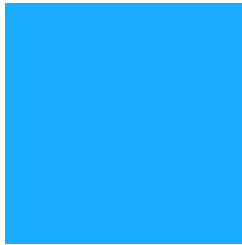
42, 71.651, 349.816



11, 33.789, 346.360

Previews

White Background



This preview shows how the CIELCh color 67, 51.750, 263.211 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 CIE LCh color 67, 51.750, 263.211 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

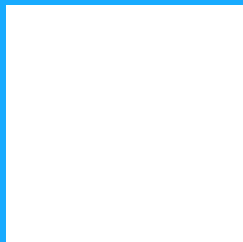
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 51.750, 263.211

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.750, 263.211.



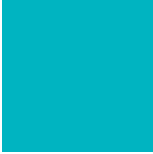
This preview shows how white text looks on a background with the CIELCh color 67, 51.750, 263.211.

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, 51.730, 263.257

Protanomaly
66, 49.080, 274.079

Deuteranomaly
66, 52.258, 272.690

Tritanomaly
67, 38.294, 231.955

Monochromacy



Original Color
67, 51.730, 263.257

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 23.473, 247.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.750, 263.211 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(24, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(24, 171, 255)  
}
```

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(24, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 171, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.750, 263.211 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(24, 171, 255) }
```

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

```
.border{ border-color:rgb(24, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(24, 171,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.750, 263.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 171, 255) }
```

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

```
.background{ background-color: rgb(24, 171,  
255) }
```

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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