

Converting Colors

CIELCh(68, 59.058, 270.155)

Have a look what the booklet for
CIELCh(68, 59.058, 270.155)
contains.

CIELCh(67, 51.237, 262.833)	3
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Color

CIELCh(67, 51.237, 262.833)

Conversions

Conversions Part 1

Format	Color
Hex	1BABFE
RGB	27, 171, 254
RGB Percent	11%, 67%, 100%
CMY	0.8953, 0.3283, 0.0031
CMYK	0.90, 0.33, 0.00, 0.00
HSL	202°, 99%, 55%
HSV	202°, 90%, 100%
XYZ	32.9844, 36.6320, 99.2826
YIQ	137.4060, -112.4670, -4.7150

Conversions

Conversions Part 2

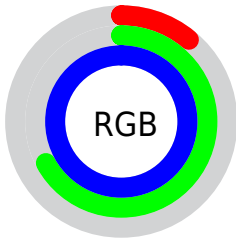
Format	Color
R _Y B	27, 115, 254
Decimal	1813502
CIE Lab	67.00, -6.39, -50.84
CIE LCh	67, 51.237, 262.833
Yxy	36.6320, 0.1953, 0.2169
Android (android.graphics.Color)	4280003582 (0xFF1BABFE)
YUV	137.4060, 57.4808, -96.8261
Hunter-Lab	60.5244, -8.6392, -54.8907

Details

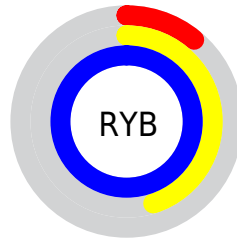
The CIELCh color **67, 51.237, 262.833** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **64, 84.229, 52.242**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 33.189, 225.319**, and **49, 48.291, 272.025** is the 20% darker color. If you saturate the color by 10%, you get **64, 55.348, 267.991**, and if you desaturate by 10%, it is **70, 47.079, 258.078**.

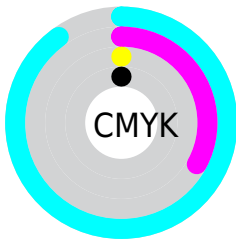
Distribution



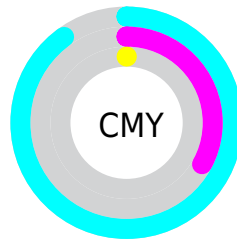
- Red (11%)
- Green (67%)
- Blue (100%)



- Red (11%)
- Yellow (45%)
- Blue (100%)



- Cyan (90%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (90%)
- Magenta (33%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.237, 262.833 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, 51.237, 262.833 by changing the saturation by 10% instead.


 67, 51.237,
262.833


 67, 51.237,
262.833


 100, 51.237,
262.833


 57, 51.237,
262.833


 87, 51.237,
262.833

 47, 51.237,
262.833

 97, 51.237,
262.833

 37, 51.237,
262.833

 27, 51.237,
262.833

 17, 51.237,
262.833

 7, 51.237, 262.833

 0, 51.237, 262.833

67, 51.237,
262.833

67, 51.237,
262.833

64, 55.348,
267.991

70, 47.079,
258.078

64, 55.561,
268.242

73, 42.650,
253.937

77, 37.806,
250.447

80, 32.483,
247.568

84, 26.677,
245.223

88, 20.426,
243.328

92, 13.792,
241.803

96, 6.842, 240.600

Harmonies

Complementary

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



67, 51.237, 262.833



64, 84.229, 52.242

Rectangle

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



67, 51.237, 262.833



67, 51.237, 312.833



67, 51.237, 82.833



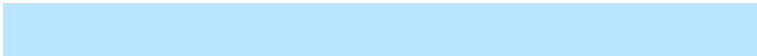
67, 51.237, 132.833

Sweetspot

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



67, 51.236, 262.834



89, 18.847, 242.915



88, 96.481, 144.527



46, 12.601, 243.485



0, 0.000, 0.000



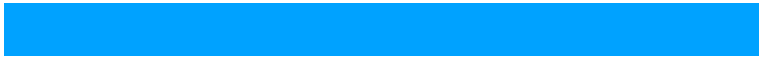
53, 0.007, 296.813

Same Dimension

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



67, 51.236, 262.834



64, 55.697, 268.251



39, 113.300, 301.997



51, 4.104, 240.601



49, 44.310, 267.279



15, 18.801, 260.009

Inverse Universe

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



57, 87.855, 347.783



56, 88.575, 350.505



88, 85.249, 93.060



50, 7.011, 337.680



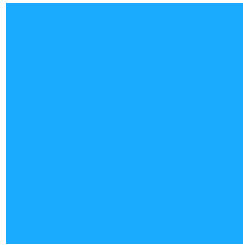
42, 71.575, 349.982



11, 33.753, 346.496

Previews

White Background



This preview shows how the CIELCh color 67, 51.237, 262.833 looks on a white background.

Color Contrast Check

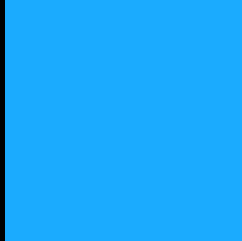
Large Text (above 18pt) WCAG AA × Fail

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, 51.237, 262.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

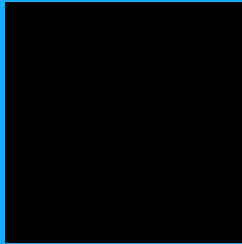
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

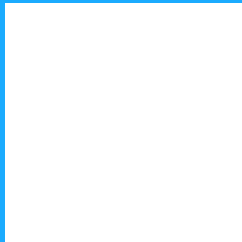
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 51.237, 262.833

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.237, 262.833.



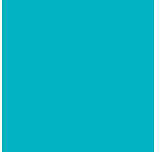
This preview shows how white text looks on a background with the CIELCh color 67, 51.237, 262.833.

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, 51.246, 262.945

Protanomaly
66, 49.026, 274.288

Deuteranomaly
66, 52.211, 272.851

Tritanomaly
67, 38.098, 231.124

Monochromacy



Original Color
67, 51.246, 262.945

Achromatopsia
57, 0.007, 296.813

Achromatomaly
60, 22.935, 246.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.237, 262.833 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, 171, 254)` looks like.

```
.text, #text, p{  
    color:rgb(27, 171, 254)  
}
```

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, 171, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 171, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.237, 262.833 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, 171, 254) }
```

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

```
.border{ border-color:rgb(27, 171, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 171, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 171, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 171, 254);  
box-shadow:4px 4px 4px 4px rgb(27, 171,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.237, 262.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 171, 254) }
```

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

```
.background{ background-color: rgb(27, 171,  
254) }
```

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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