

Converting Colors

CIELCh(60, 51.059, 267.959)

Have a look what the booklet for
CIELCh(60, 51.059, 267.959)
contains.

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Color

CIELCh(60, 51.086, 268.134)

Conversions

Conversions Part 1

Format	Color
Hex	1B96EA
RGB	27, 150, 234
RGB Percent	11%, 59%, 92%
CMY	0.8936, 0.4104, 0.0808
CMYK	0.88, 0.36, 0.00, 0.08
HSL	204°, 83%, 51%
HSV	204°, 88%, 92%
XYZ	26.3252, 28.1233, 82.1774
YIQ	122.7990, -100.2720, 0.0480

Conversions

Conversions Part 2

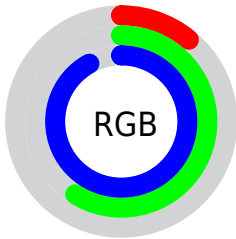
Format	Color
R_{YB}	27, 104, 234
Decimal	1808106
CIE Lab	60.00, -1.66, -51.06
CIE LCh	60, 51.086, 268.134
Yxy	28.1233, 0.1927, 0.2058
Android (android.graphics.Color)	4279998186 (0xFF1B96EA)
YUV	122.7990, 54.8221, -84.0157
Hunter-Lab	53.0314, -4.1961, -54.7537

Details

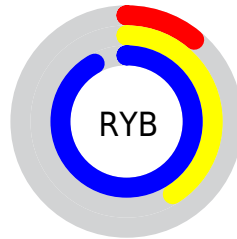
The CIELCh color **60, 51.086, 268.134** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **61, 76.591, 55.436**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 35.762, 248.503**, and **42, 48.516, 277.159** is the 20% darker color. If you saturate the color by 10%, you get **57, 55.824, 273.154**, and if you desaturate by 10%, it is **63, 46.375, 263.470**.

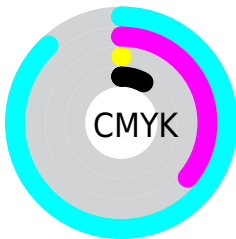
Distribution



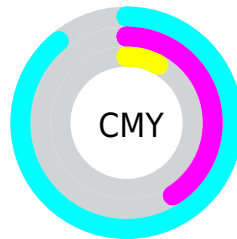
- Red (11%)
- Green (59%)
- Blue (92%)



- Red (11%)
- Yellow (41%)
- Blue (92%)



- Cyan (88%)
- Magenta (36%)
- Yellow (0%)
- Black (8%)





- Cyan (89%)
- Magenta (41%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 51.086, 268.134 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 60, 51.086, 268.134 by changing the saturation by 10% instead.


 60, 51.086,
268.134


 60, 51.086,
268.134


 100, 51.086,
268.134


 50, 51.086,
268.134


 80, 51.086,
268.134

 40, 51.086,
268.134

 90, 51.086,
268.134

 30, 51.086,
268.134

 20, 51.086,
268.134

 10, 51.086,
268.134

 0, 51.086, 268.134

 60, 51.086,

 60, 51.086,

268.134

■ 57, 55.824,
273.154

■ 57, 56.598,
273.922

268.134

■ 63, 46.375,
263.470

■ 66, 41.512,
259.356

■ 70, 36.371,
255.844

■ 74, 30.889,
252.908

■ 77, 25.055,
250.487

■ 81, 18.894,
248.502

■ 85, 12.449,
246.882

■ 89, 5.772, 245.586

Harmonies

Complementary

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



60, 51.086, 268.134



61, 76.591, 55.436

Rectangle

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



60, 51.086, 268.134



60, 51.086, 318.134



60, 51.086, 88.134



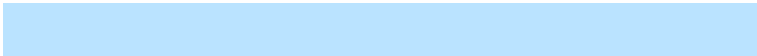
60, 51.086, 138.134

Sweetspot

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



60, 51.085, 268.135



88, 19.261, 248.272



82, 86.036, 146.795



46, 12.899, 248.892



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 51.085, 268.135



61, 60.556, 274.172



35, 110.334, 303.149



47, 3.890, 245.705



44, 46.013, 273.016



11, 17.549, 264.143

Inverse Universe

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



52, 80.653, 350.483



56, 86.891, 354.070



85, 82.228, 96.794



46, 6.360, 339.573



39, 67.433, 353.318



8, 29.738, 348.392

Previews

White Background



This preview shows how the CIE LCh color 60, 51.086, 268.134 looks on a white background.

Color Contrast Check

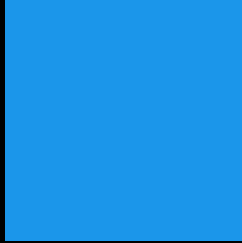
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 51.086, 268.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

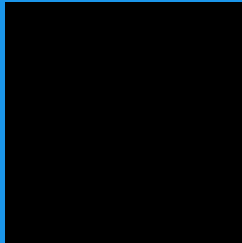
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

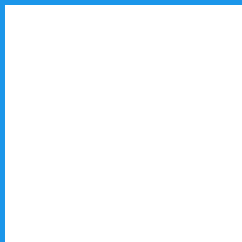
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 51.086, 268.134

Background



This preview shows how black text looks on a background with the CIELCh color 60, 51.086, 268.134.

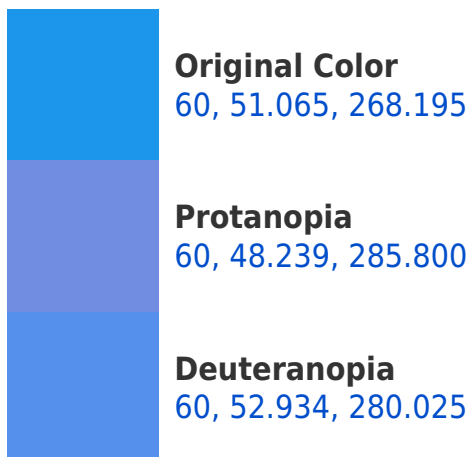


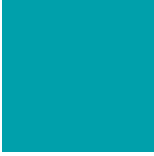
This preview shows how white text looks on a background with the CIELCh color 60, 51.086, 268.134.

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
60, 34.209, 207.223

Trichromacy



Original Color
60, 51.065, 268.195

Protanomaly
59, 49.482, 277.164

Deuteranomaly
60, 52.232, 274.977

Tritanomaly
60, 35.439, 235.164

Monochromacy



Original Color
60, 51.065, 268.195

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 22.318, 252.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 51.086, 268.134 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, 150, 234)` looks like.

```
.text, #text, p{  
    color:rgb(27, 150, 234)  
}
```

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, 150, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 150, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 51.086, 268.134 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, 150, 234) }
```

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

```
.border{ border-color:rgb(27, 150, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 150, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 150, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 150, 234);  
box-shadow:4px 4px 4px 4px rgb(27, 150,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 51.086, 268.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 150, 234) }
```

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

```
.background{ background-color: rgb(27, 150,  
234) }
```

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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