

Converting Colors

CIELCh(51, 60.938, 281.049)

Have a look what the booklet for
CIELCh(51, 60.938, 281.049)
contains.

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Color

CIELCh(51, 60.928, 281.093)

Conversions

Conversions Part 1

Format	Color
Hex	1479E0
RGB	20, 121, 224
RGB Percent	8%, 47%, 88%
CMY	0.9221, 0.5247, 0.1206
CMYK	0.91, 0.46, 0.00, 0.12
HSL	210°, 84%, 48%
HSV	210°, 91%, 88%
XYZ	20.6362, 19.2686, 73.3275
YIQ	102.5430, -93.2590, 10.6210

Conversions

Conversions Part 2

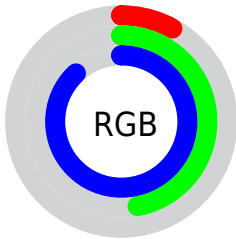
Format	Color
R_{YB}	20, 88, 224
Decimal	1341920
CIE _{Lab}	51.00, 11.72, -59.79
CIE _{LCh}	51, 60.928, 281.093
Yxy	19.2686, 0.1822, 0.1702
Android (android.graphics.Color)	4279532000 (0xFF1479E0)
YUV	102.5430, 59.8783, -72.3902
Hunter-Lab	43.8960, 7.0977, -68.3156

Details

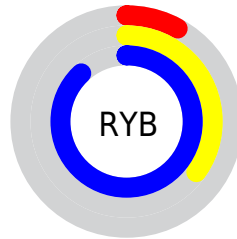
The CIELCh color **51, 60.928, 281.093** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **62, 73.132, 62.845**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 46.974, 273.420**, and **33, 58.906, 289.057** is the 20% darker color. If you saturate the color by 10%, you get **48, 66.921, 285.082**, and if you desaturate by 10%, it is **55, 54.373, 276.641**.

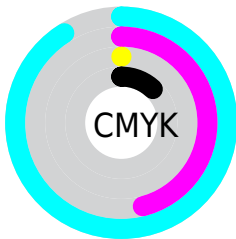
Distribution



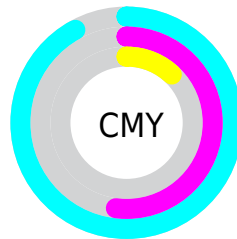
- Red (8%)
- Green (47%)
- Blue (88%)



- Red (8%)
- Yellow (35%)
- Blue (88%)



- Cyan (91%)
- Magenta (46%)
- Yellow (0%)
- Black (12%)





- Cyan (92%)
- Magenta (52%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 60.928, 281.093 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 51, 60.928, 281.093 by changing the saturation by 10% instead.


 51, 60.928,
281.093


 51, 60.928,
281.093


 100, 60.928,
281.093


 41, 60.928,
281.093


 71, 60.928,
281.093

 31, 60.928,
281.093

 81, 60.928,
281.093

 21, 60.928,
281.093

 91, 60.928,
281.093

 11, 60.928,
281.093

 1, 60.928, 281.093

 0, 60.928, 281.093

■ 51, 60.928,
281.093

■ 51, 60.928,
281.093

■ 48, 66.921,
285.082

■ 55, 54.373,
276.641

■ 58, 47.934,
272.536

■ 62, 41.504,
268.896

■ 67, 35.004,
265.753

■ 71, 28.388,
263.084

■ 75, 21.645,
260.839

■ 80, 14.786,
258.959

■ 84, 7.833, 257.394

Harmonies

Complementary

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



51, 60.928, 281.093



62, 73.132, 62.845

Rectangle

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



51, 60.928, 281.093



51, 60.928, 331.093



51, 60.928, 101.093



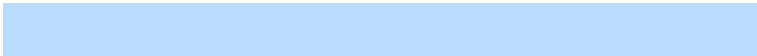
51, 60.928, 151.093

Sweetspot

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



51, 60.928, 281.095



87, 20.883, 260.056



79, 77.018, 150.832



44, 14.040, 260.735



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 60.928, 281.095



54, 74.282, 285.426



30, 116.907, 305.590



45, 3.998, 257.159



38, 54.933, 284.301



8, 19.106, 275.093

Inverse Universe

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



49, 75.679, 359.387



55, 84.586, 3.346



87, 86.090, 102.997



44, 5.730, 344.622



38, 64.135, 2.223



6, 26.390, 355.040

Previews

White Background



This preview shows how the CIE LCh color 51, 60.928, 281.093 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 51, 60.928, 281.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

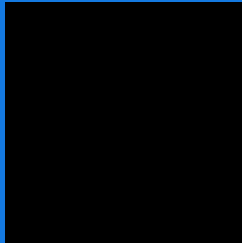
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

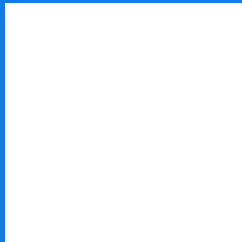
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 60.928, 281.093

Background



This preview shows how black text looks on a background with the CIELCh color 51, 60.928, 281.093.



This preview shows how white text looks on a background with the CIELCh color 51, 60.928, 281.093.

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
51, 30.076, 206.799

Trichromacy



Original Color
51, 60.917, 281.139

Protanomaly
51, 60.478, 284.036

Deuteranomaly
51, 58.375, 278.985

Tritanomaly
50, 34.133, 247.275

Monochromacy



Original Color
51, 60.917, 281.139

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 24.350, 264.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 60.928, 281.093 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(20, 121, 224)` looks like.

```
.text, #text, p{  
    color:rgb(20, 121, 224)  
}
```

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(20, 121, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 121, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 60.928, 281.093 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(20, 121, 224) }
```

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

```
.border{ border-color:rgb(20, 121, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 121, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 121, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 121, 224);  
box-shadow:4px 4px 4px 4px rgb(20, 121,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 60.928, 281.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 121, 224) }
```

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

```
.background{ background-color: rgb(20, 121,  
224) }
```

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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