

Converting Colors

CIELCh(52, 57.915, 287.595)

Have a look what the booklet for
CIELCh(52, 57.915, 287.595)
contains.

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Color

CIELCh(52, 58.131, 287.737)

Conversions

Conversions Part 1

Format	Color
Hex	5077DB
RGB	80, 119, 219
RGB Percent	31%, 47%, 86%
CMY	0.6844, 0.5319, 0.1395
CMYK	0.63, 0.46, 0.00, 0.14
HSL	223°, 66%, 59%
HSV	223°, 63%, 86%
XYZ	22.8310, 20.1443, 69.9941
YIQ	118.7390, -55.3440, 22.8320

Conversions

Conversions Part 2

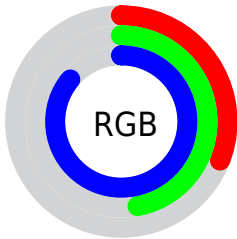
Format	Color
R_{YB}	80, 110, 219
Decimal	5273563
CIE _{Lab}	52.00, 17.71, -55.37
CIE _{LCh}	52, 58.131, 287.737
Yxy	20.1443, 0.2021, 0.1783
Android (android.graphics.Color)	4283463643 (0xFF5077DB)
YUV	118.7390, 49.4287, -33.9741
Hunter-Lab	44.8824, 12.2561, -61.0450

Details

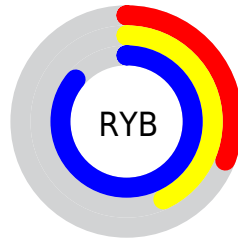
The CIELCh color **52, 58.131, 287.737** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **75, 55.002, 86.858**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 46.250, 283.934**, and **32, 57.995, 289.344** is the 20% darker color. If you saturate the color by 10%, you get **47, 68.284, 290.882**, and if you desaturate by 10%, it is **57, 48.281, 284.912**.

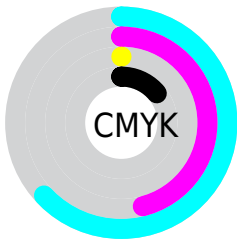
Distribution



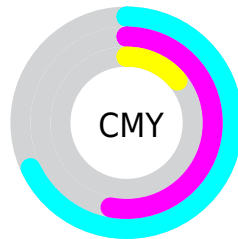
- Red (31%)
- Green (47%)
- Blue (86%)



- Red (31%)
- Yellow (43%)
- Blue (86%)



- Cyan (63%)
- Magenta (46%)
- Yellow (0%)
- Black (14%)



- Cyan (68%)
- Magenta (53%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 58.131, 287.737 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 52, 58.131, 287.737 by changing the saturation by 10% instead.

■ 52, 58.131,
287.737

■ 52, 58.131,
287.737

■ 100, 58.131,
287.737

■ 42, 58.131,
287.737

■ 72, 58.131,
287.737

■ 32, 58.131,
287.737

■ 82, 58.131,
287.737

■ 22, 58.131,
287.737

■ 92, 58.131,
287.737

■ 12, 58.131,
287.737

■ 2, 58.131, 287.737

■ 0, 58.131, 287.737

■ 52, 58.131,
287.737

■ 52, 58.131,
287.737

■ 47, 68.284,
290.882

■ 57, 48.281,
284.912

■ 42, 78.665,
294.236

■ 63, 38.724,
282.438

■ 38, 89.010,
297.603

■ 69, 29.429,
280.305

■ 35, 95.662,
299.679


■ 74, 20.364,
278.481

■ 80, 11.507,
276.926

■ 86, 2.844, 275.644

■ 91, 5.632, 94.374

■ 97, 13.832, 94.910

 99, 17.990,
108.817

Harmonies

Complementary

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



52, 58.131, 287.737



75, 55.002, 86.858

Rectangle

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



52, 58.131, 287.737



52, 58.131, 337.737



52, 58.131, 107.737



52, 58.131, 157.737

Sweetspot

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



52, 58.131, 287.738



88, 18.656, 277.803



80, 47.450, 169.827



45, 12.881, 278.268



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 58.131, 287.738



52, 80.333, 291.981



45, 81.768, 304.828



43, 4.883, 276.389



27, 78.985, 299.160



4, 23.894, 287.617

Inverse Universe

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



54, 57.812, 7.516



58, 75.768, 12.059



83, 69.136, 114.807



43, 4.956, 358.209



36, 66.223, 22.614



5, 23.852, 7.971

Previews

White Background



This preview shows how the CIELCh color 52, 58.131, 287.737 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 52, 58.131, 287.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

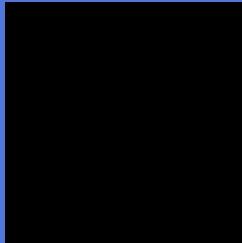
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 58.131, 287.737

Background



This preview shows how black text looks on a background with the CIELCh color 52, 58.131, 287.737.



This preview shows how white text looks on a background with the CIELCh color 52, 58.131, 287.737.

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



Original Color

52, 58.131, 287.737

Protanopia

52, 58.187, 286.744

Deuteranopia

52, 55.237, 278.588



Tritanopia
52, 27.010, 210.820

Trichromacy



Original Color
52, 58.131, 287.737

Protanomaly
52, 58.135, 287.102

Deuteranomaly
52, 56.498, 281.658

Tritanomaly
52, 30.930, 252.836

Monochromacy



Original Color
52, 58.131, 287.737

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 21.982, 280.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 58.131, 287.737 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(80, 119, 219)` looks like.

```
.text, #text, p{  
    color:rgb(80, 119, 219)  
}
```

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(80, 119, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 119, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 58.131, 287.737 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(80, 119, 219) }
```

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

```
.border{ border-color:rgb(80, 119, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 119, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 119, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 119, 219);  
box-shadow:4px 4px 4px 4px rgb(80, 119,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 58.131, 287.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 119, 219) }
```

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

```
.background{ background-color: rgb(80, 119,  
219) }
```

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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