

Converting Colors

CIELCh(48, 51.362, 276.188)

Have a look what the booklet for
CIELCh(48, 51.362, 276.188)
contains.

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Color

CIELCh(48, 51.152, 276.045)

Conversions

Conversions Part 1

Format	Color
Hex	1174C8
RGB	17, 116, 200
RGB Percent	7%, 45%, 78%
CMY	0.9325, 0.5449, 0.2155
CMYK	0.91, 0.42, 0.00, 0.22
HSL	208°, 84%, 43%
HSV	208°, 91%, 78%
XYZ	16.9161, 16.7945, 57.0250
YIQ	95.9750, -85.9680, 5.1360

Conversions

Conversions Part 2

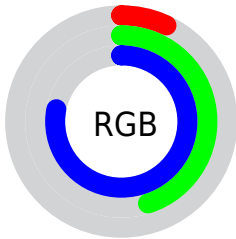
Format	Color
R_{YB}	17, 81, 200
Decimal	1144008
CIE Lab	48.00, 5.39, -50.87
CIE LCh	48, 51.152, 276.045
Yxy	16.7945, 0.1864, 0.1851
Android (android.graphics.Color)	4279334088 (0xFF1174C8)
YUV	95.9750, 51.2843, -69.2611
Hunter-Lab	40.9810, 1.9643, -53.8152

Details

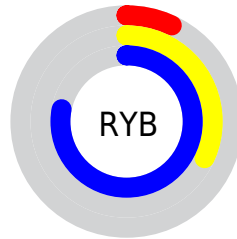
The CIELCh color **48, 51.152, 276.045** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **54, 67.890, 59.219**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 50.201, 275.597**, and **30, 48.785, 285.433** is the 20% darker color. If you saturate the color by 10%, you get **46, 55.690, 280.068**, and if you desaturate by 10%, it is **51, 46.026, 271.460**.

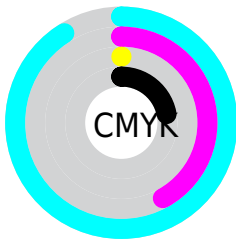
Distribution



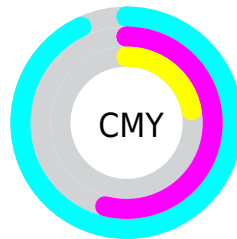
- Red (7%)
- Green (45%)
- Blue (78%)



- Red (7%)
- Yellow (32%)
- Blue (78%)



- Cyan (91%)
- Magenta (42%)
- Yellow (0%)
- Black (22%)





- Cyan (93%)
- Magenta (54%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 51.152, 276.045 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 48, 51.152, 276.045 by changing the saturation by 10% instead.


 48, 51.152,
276.045


 48, 51.152,
276.045


 100, 51.152,
276.045


 38, 51.152,
276.045

 68, 51.152,
276.045


 28, 51.152,
276.045

 78, 51.152,
276.045

 18, 51.152,
276.045

 88, 51.152,
276.045

 8, 51.152, 276.045

 98, 51.152,
276.045

 0, 51.152, 276.045

 48, 51.152,

 48, 51.152,

276.045

■ 46, 55.690,
280.068

276.045

■ 51, 46.026,
271.460

■ 54, 40.920,
267.293

■ 58, 35.723,
263.643

■ 61, 30.363,
260.524

■ 65, 24.807,
257.900

■ 69, 19.057,
255.711

■ 72, 13.131,
253.892

■ 76, 7.061, 252.393

Harmonies

Complementary

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



48, 51.152, 276.045



54, 67.890, 59.219

Rectangle

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



48, 51.152, 276.045



48, 51.152, 326.045



48, 51.152, 96.045



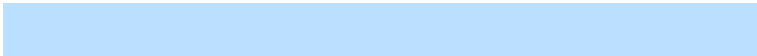
48, 51.152, 146.045

Sweetspot

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



48, 51.151, 276.046



87, 20.045, 254.940



71, 74.054, 148.512



45, 13.453, 255.601



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 51.151, 276.046



57, 67.767, 280.801



27, 103.937, 304.718



40, 3.502, 252.128



37, 47.224, 279.305



5, 13.372, 266.515

Inverse Universe

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



44, 70.335, 355.423



55, 85.305, 359.042



76, 76.134, 99.962



39, 5.347, 342.234



35, 61.314, 357.810



4, 18.283, 350.489

Previews

White Background



This preview shows how the CIELCh color 48, 51.152, 276.045 looks on a white 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

Black Background



This preview shows how the CIELCh color 48, 51.152, 276.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

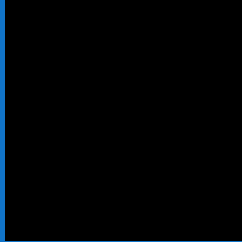
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 51.152, 276.045

Background



This preview shows how black text looks on a background with the CIELCh color 48, 51.152, 276.045.

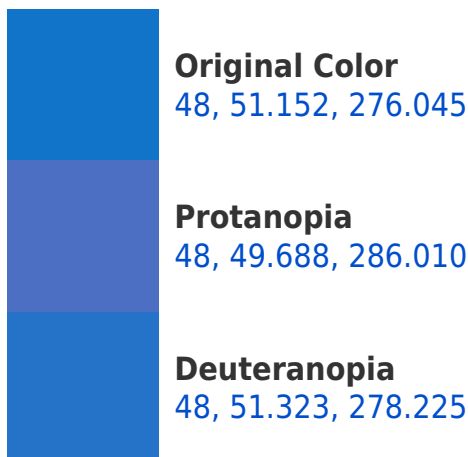


This preview shows how white text looks on a background with the CIELCh color 48, 51.152, 276.045.

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
48, 28.740, 207.411

Trichromacy



Original Color
48, 51.152, 276.045

Protanomaly
48, 50.294, 281.093

Deuteranomaly
48, 51.480, 277.540

Tritanomaly
48, 31.310, 242.433

Monochromacy



Original Color
48, 51.152, 276.045

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 21.470, 260.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 51.152, 276.045 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(17, 116, 200)` looks like.

```
.text, #text, p{  
    color:rgb(17, 116, 200)  
}
```

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(17, 116, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 116, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 51.152, 276.045 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(17, 116, 200) }
```

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

```
.border{ border-color:rgb(17, 116, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 116, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(17, 116, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(17, 116, 200); box-shadow:4px 4px 4px 4px rgb(17, 116, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 51.152, 276.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 116, 200) }
```

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

```
.background{ background-color: rgb(17, 116,  
200) }
```

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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