

Converting Colors

CIELCh(52, 2.068, 287.050)

Have a look what the booklet for
CIELCh(52, 2.068, 287.050) contains.

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Color

CIELCh(52, 1.784, 277.662)

Conversions

Conversions Part 1

Format	Color
Hex	7B7C7F
RGB	123, 124, 127
RGB Percent	48%, 49%, 50%
CMY	0.5178, 0.5139, 0.5021
CMYK	0.03, 0.02, 0.00, 0.50
HSL	225°, 2%, 49%
HSV	225°, 3%, 50%
XYZ	19.1932, 20.1443, 22.9411
YIQ	124.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

Format	Color
RYB	123, 124, 127
Decimal	8092799
CIELab	52.00, 0.24, -1.77
CIELCh	52, 1.784, 277.662
Yxy	20.1443, 0.3082, 0.3235
Android (android.graphics.Color)	4286282879 (0xFF7B7C7F)
YUV	124.0430, 1.4578, -0.9147
Hunter-Lab	44.8824, -2.2117, 1.1123

Details

The CIELCh color $52, 1.784, 277.662$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 1.767, 96.769$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 2.210, 280.779$, and $32, 1.945, 277.833$ is the 20% darker color. If you saturate the color by 10%, you get $48, 7.511, 278.818$, and if you desaturate by 10%, it is $56, 3.813, 96.435$.

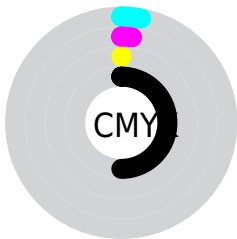
Distribution



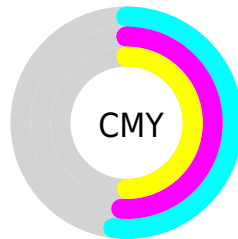
- Red (48%)
- Green (49%)
- Blue (50%)



- Red (48%)
- Yellow (49%)
- Blue (50%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (52%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 1.784, 277.662 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, 1.784, 277.662 by changing the saturation by 10% instead.

■ 52, 1.784, 277.662

■ 52, 1.784, 277.662

■ 100, 1.784,
277.662

■ 42, 1.784, 277.662

■ 72, 1.784, 277.662

■ 32, 1.784, 277.662

■ 82, 1.784, 277.662

■ 22, 1.784, 277.662

■ 92, 1.784, 277.662

■ 12, 1.784, 277.662

■ 2, 1.784, 277.662

■ 0, 1.784, 277.662

■ 52, 1.784, 277.662

■ 52, 1.784, 277.662

■ 48, 7.511, 278.818

■ 56, 3.813, 96.435

■ 45, 13.378,

■ 59, 9.282, 95.514

280.257

63, 14.629, 94.695

41, 19.396,
281.935

67, 19.857, 93.971

37, 25.577,
283.884

70, 24.970, 93.328

33, 31.942,
286.133

74, 29.972, 92.755

30, 38.507,
288.694

81, 39.654, 91.779

26, 45.274,
291.544

85, 44.341, 91.360

23, 52.195,
294.600

20, 59.108,
297.703

Harmonies

Complementary

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



52, 1.784, 277.662



53, 1.767, 96.769

Rectangle

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



52, 1.784, 277.662



52, 1.784, 327.662



52, 1.784, 97.662



52, 1.784, 147.662

Sweetspot

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



52, 1.783, 277.627



68, 0.708, 277.538



53, 1.704, 178.243



36, 0.406, 277.547



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 1.783, 277.627



66, 2.817, 277.720



52, 2.363, 299.459



26, 1.602, 277.768



18, 63.942, 299.599



0, 0.000, 0.000

Inverse Universe

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



52, 1.713, 359.550



66, 2.710, 359.682



53, 2.336, 119.090



26, 1.542, 359.740



26, 53.166, 23.459



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 1.784, 277.662 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 CIE LCh color 52, 1.784, 277.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

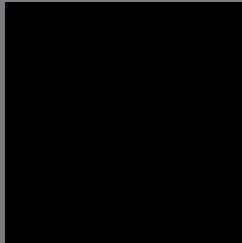
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

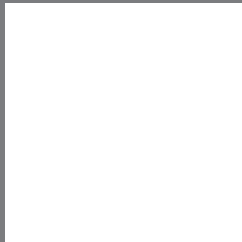
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 1.784, 277.662

Background



This preview shows how black text looks on a background with the CIELCh color 52, 1.784, 277.662.



This preview shows how white text looks on a background with the CIELCh color 52, 1.784, 277.662.

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, 1.784, 277.662

Protanopia

52, 2.470, 309.165

Deuteranopia

52, 7.297, 340.742



Tritanopia
52, 5.833, 294.723

Trichromacy



Original Color

52, 1.784, 277.662

Protanomaly

52, 2.368, 300.088

Deuteranomaly

52, 5.447, 331.695

Tritanomaly

52, 4.675, 295.556

Monochromacy



Original Color

52, 1.784, 277.662

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 0.587, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 1.784, 277.662 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(123, 124, 127)` looks like.

```
.text, #text, p{  
    color:rgb(123, 124, 127)  
}
```

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(123, 124, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 124, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 1.784, 277.662 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(123, 124, 127) }
```

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

```
.border{ border-color:rgb(123, 124, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 124, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 124, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 124, 127);  
box-shadow:4px 4px 4px 4px rgb(123, 124,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 1.784, 277.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 124, 127) }
```

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

```
.background{ background-color: rgb(123,  
124, 127) }
```

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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