

Converting Colors

CIELCh(52, 4.968, 228.453)

Have a look what the booklet for
CIELCh(52, 4.968, 228.453) contains.

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Color

CIELCh(52, 4.782, 228.210)

Conversions

Conversions Part 1

Format	Color
Hex	737E82
RGB	115, 126, 130
RGB Percent	45%, 49%, 51%
CMY	0.5494, 0.5063, 0.4906
CMYK	0.12, 0.03, 0.00, 0.49
HSL	196°, 6%, 48%
HSV	196°, 12%, 51%
XYZ	18.5288, 20.1443, 23.9963
YIQ	123.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

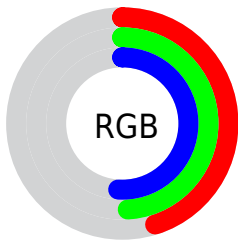
Format	Color
R_{YB}	115, 121, 130
Decimal	7569026
CIE Lab	52.00, -3.19, -3.57
CIE LCh	52, 4.782, 228.210
Yxy	20.1443, 0.2957, 0.3214
Android (android.graphics.Color)	4285759106 (0xFF737E82)
YUV	123.1670, 3.3687, -7.1625
Hunter-Lab	44.8824, -4.8540, -0.2816

Details

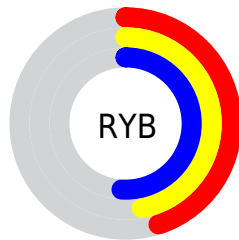
The CIELCh color $52, 4.782, 228.210$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 5.100, 46.808$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 4.839, 225.965$, and $32, 4.784, 231.021$ is the 20% darker color. If you saturate the color by 10%, you get $50, 8.708, 228.945$, and if you desaturate by 10%, it is $54, 0.655, 228.087$.

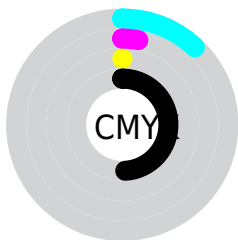
Distribution



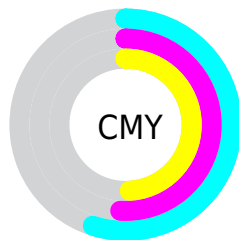
- Red (45%)
- Green (49%)
- Blue (51%)



- Red (45%)
- Yellow (47%)
- Blue (51%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 4.782, 228.210 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, 4.782, 228.210 by changing the saturation by 10% instead.

■ 52, 4.782, 228.210

■ 52, 4.782, 228.210

■ 100, 4.782,
228.210

■ 42, 4.782, 228.210

■ 72, 4.782, 228.210

■ 32, 4.782, 228.210

■ 82, 4.782, 228.210

■ 22, 4.782, 228.210

■ 92, 4.782, 228.210

■ 12, 4.782, 228.210

■ 2, 4.782, 228.210

■ 0, 4.782, 228.210

■ 52, 4.782, 228.210

■ 52, 4.782, 228.210

■ 50, 8.708, 228.945

■ 54, 0.655, 228.087

■ 48, 12.383,

■ 56, 3.630, 46.940

229.946

58, 8.034, 46.646

46, 15.757,
231.239

60, 12.527, 46.400

45, 18.780,
232.889

63, 17.083, 46.214

43, 21.411,
234.973

65, 21.679, 46.079

41, 23.627,
237.575

67, 26.298, 45.985

40, 25.436,
240.771

69, 30.928, 45.923

39, 26.888,
244.610

38, 28.023,
248.059

Harmonies

Complementary

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



52, 4.782, 228.210



51, 5.100, 46.808

Rectangle

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



52, 4.782, 228.210



52, 4.782, 278.210



52, 4.782, 48.210



52, 4.782, 98.210

Sweetspot

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



52, 4.782, 228.194



68, 1.565, 227.883



53, 8.889, 151.607



35, 1.179, 227.868



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, 4.782, 228.194



66, 7.120, 228.377



50, 6.712, 278.646



26, 2.312, 228.050



37, 27.632, 247.962



0, 0.000, 0.000

Inverse Universe

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



50, 8.822, 333.677



63, 13.244, 333.865



53, 6.656, 95.901



25, 4.234, 333.509



28, 56.767, 341.925



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 4.782, 228.210 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, 4.782, 228.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

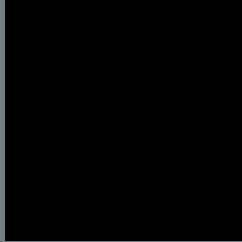
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

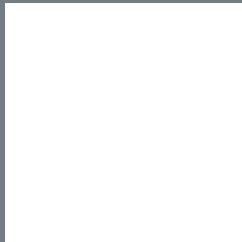
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 4.782, 228.210

Background



This preview shows how black text looks on a background with the CIELCh color 52, 4.782, 228.210.



This preview shows how white text looks on a background with the CIELCh color 52, 4.782, 228.210.

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, 4.782, 228.210

Protanopia

52, 3.025, 305.665

Deuteranopia

52, 8.240, 329.505



Tritanopia
52, 6.664, 260.113

Trichromacy



Original Color
52, 4.782, 228.210

Protanomaly
52, 3.115, 268.480

Deuteranomaly
52, 5.487, 307.401

Tritanomaly
52, 5.714, 253.814

Monochromacy



Original Color
52, 4.782, 228.210

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.943, 236.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 4.782, 228.210 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(115, 126, 130)` looks like.

```
.text, #text, p{  
    color:rgb(115, 126, 130)  
}
```

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(115, 126, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 126, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 4.782, 228.210 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(115, 126, 130) }
```

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

```
.border{ border-color:rgb(115, 126, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 126, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 126, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 126, 130); box-shadow:4px 4px 4px 4px rgb(115, 126, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 4.782, 228.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 126, 130) }
```

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

```
.background{ background-color: rgb(115,  
126, 130) }
```

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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