

Converting Colors

CIELCh(52, 4.676, 216.532)

Have a look what the booklet for
CIELCh(52, 4.676, 216.532) contains.

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Color

CIELCh(52, 4.555, 221.608)

Conversions

Conversions Part 1

Format	Color
Hex	737E81
RGB	115, 126, 129
RGB Percent	45%, 49%, 51%
CMY	0.5491, 0.5060, 0.4942
CMYK	0.11, 0.02, 0.00, 0.49
HSL	193°, 6%, 48%
HSV	193°, 11%, 51%
XYZ	18.4869, 20.1443, 23.6755
YIQ	123.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

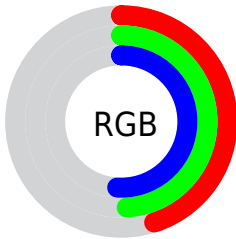
Format	Color
RYB	115, 121, 129
Decimal	7569025
CIELab	52.00, -3.41, -3.02
CIElCh	52, 4.555, 221.608
Yxy	20.1443, 0.2967, 0.3233
Android (android.graphics.Color)	4285759105 (0xFF737E81)
YUV	123.0530, 2.9319, -7.0625
Hunter-Lab	44.8824, -5.0209, 0.1422

Details

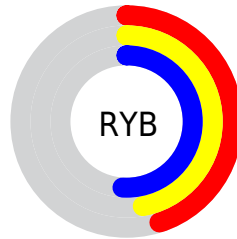
The CIELCh color $52, 4.555, 221.608$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 4.858, 40.789$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 4.641, 219.810$, and $32, 4.518, 223.863$ is the 20% darker color. If you saturate the color by 10%, you get $50, 8.522, 222.053$, and if you desaturate by 10%, it is $54, 0.368, 222.213$.

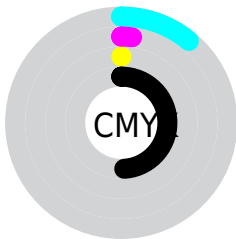
Distribution



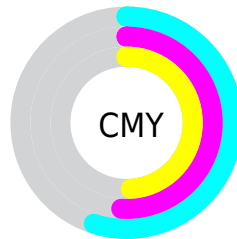
- Red (45%)
- Green (49%)
- Blue (51%)



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



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 4.555, 221.608 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, 4.555, 221.608 by changing the saturation by 10% instead.

■ 52, 4.555, 221.608

■ 52, 4.555, 221.608

■ 100, 4.555,
221.608

■ 42, 4.555, 221.608

■ 72, 4.555, 221.608

■ 32, 4.555, 221.608

■ 82, 4.555, 221.608

■ 22, 4.555, 221.608

■ 92, 4.555, 221.608

■ 12, 4.555, 221.608

■ 2, 4.555, 221.608

■ 0, 4.555, 221.608

■ 52, 4.555, 221.608

■ 52, 4.555, 221.608

■ 50, 8.522, 222.053

■ 54, 0.368, 222.213

■ 49, 12.213,

■ 56, 3.992, 40.816

222.728

58, 8.483, 40.721

47, 15.570,
223.647

60, 13.069, 40.661

45, 18.537,
224.862

62, 17.723, 40.646

44, 21.061,
226.442

64, 22.421, 40.670

43, 23.109,
228.462

66, 27.143, 40.723

42, 24.673,
230.999

68, 31.876, 40.798

40, 25.788,
234.122

40, 26.614,
237.265

Harmonies

Complementary

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



52, 4.555, 221.608



51, 4.858, 40.789

Rectangle

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



52, 4.555, 221.608



52, 4.555, 271.608



52, 4.555, 41.608



52, 4.555, 91.608

Sweetspot

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



52, 4.555, 221.591



68, 1.594, 221.516



53, 8.614, 149.870



35, 1.201, 221.483



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, 4.555, 221.591



66, 6.740, 221.683



50, 5.926, 275.072



26, 2.353, 221.535



39, 26.390, 237.214



0, 0.000, 0.000

Inverse Universe

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



50, 8.555, 331.658



63, 12.755, 331.816



52, 5.908, 92.400



25, 4.396, 331.545



28, 58.867, 338.621



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 4.555, 221.608 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, 4.555, 221.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

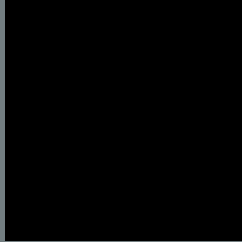
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

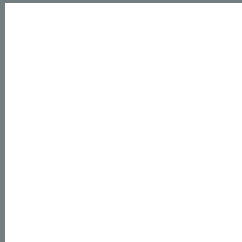
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 4.555, 221.608

Background



This preview shows how black text looks on a background with the CIELCh color 52, 4.555, 221.608.



This preview shows how white text looks on a background with the CIELCh color 52, 4.555, 221.608.

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, 4.555, 221.608

Protanopia

52, 2.470, 309.165

Deuteranopia

52, 7.803, 332.199



Tritanopia
52, 6.664, 260.113

Trichromacy



Original Color

52, 4.555, 221.608

Protanomaly

52, 2.589, 263.502

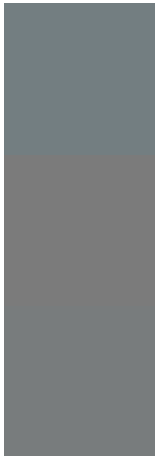
Deuteranomaly

52, 4.934, 309.311

Tritanomaly

52, 5.714, 253.814

Monochromacy



Original Color

52, 4.555, 221.608

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.675, 219.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 4.555, 221.608 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(115, 126, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 126, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 4.555, 221.608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

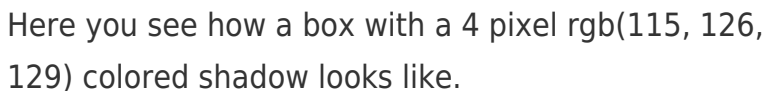
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 126, 129) }
```

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

```
.border{ border-color:rgb(115, 126, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 126, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 126, 129); box-shadow:4px 4px 4px 4px rgb(115, 126, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 4.555, 221.608 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, 129) }
```

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

```
.background{ background-color: rgb(115,  
126, 129) }
```

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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