

Converting Colors

CIELCh(52, 25.544, 278.397)

Have a look what the booklet for
CIELCh(52, 25.544, 278.397)
contains.

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Color

CIELCh(52, 25.545, 278.405)

Conversions

Conversions Part 1

Format	Color
Hex	687CA7
RGB	104, 124, 167
RGB Percent	41%, 49%, 65%
CMY	0.5922, 0.5138, 0.3451
CMYK	0.38, 0.26, 0.00, 0.35
HSL	221°, 26%, 53%
HSV	221°, 38%, 65%
XYZ	19.8877, 20.1443, 39.3935
YIQ	122.9220, -25.7230, 9.1330

Conversions

Conversions Part 2

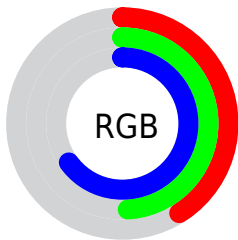
Format	Color
R _Y B	104, 119, 167
Decimal	6847655
CIE Lab	52.00, 3.73, -25.27
CIE LCh	52, 25.545, 278.405
Yxy	20.1443, 0.2504, 0.2536
Android (android.graphics.Color)	4285037735 (0xFF687CA7)
YUV	122.9220, 21.7305, -16.5946
Hunter-Lab	44.8824, 0.5502, -20.6214

Details

The CIELCh color `52, 25.545, 278.405` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `62, 25.537, 87.585`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 25.592, 278.673`, and `32, 25.907, 278.970` is the 20% darker color. If you saturate the color by 10%, you get `48, 32.628, 280.672`, and if you desaturate by 10%, it is `56, 18.604, 276.457`.

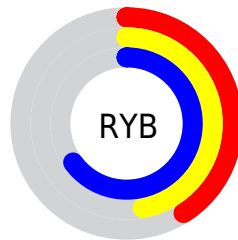
Distribution



Red (41%)

Green (49%)

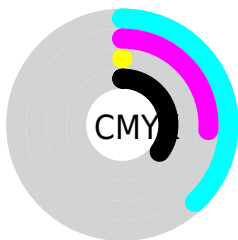
Blue (65%)



Red (41%)

Yellow (47%)

Blue (65%)

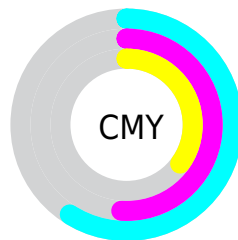


Cyan (38%)

Magenta (26%)

Yellow (0%)

Black (35%)



Cyan (59%)


Magenta (51%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 25.545, 278.405 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, 25.545, 278.405 by changing the saturation by 10% instead.


 52, 25.545,
278.405


 52, 25.545,
278.405


 100, 25.545,
278.405


 42, 25.545,
278.405


 72, 25.545,
278.405

 32, 25.545,
278.405

 82, 25.545,
278.405

 22, 25.545,
278.405

 92, 25.545,
278.405

 12, 25.545,
278.405

 2, 25.545, 278.405

 0, 25.545, 278.405

■ 52, 25.545,
278.405

■ 52, 25.545,
278.405

■ 48, 32.628,
280.672

■ 56, 18.604,
276.457

■ 43, 39.880,
283.291

■ 61, 11.791,
274.792

■ 39, 47.327,
286.265

■ 65, 5.099, 273.380

■ 35, 54.988,
289.551

■ 69, 1.478, 91.968

■ 74, 7.940, 91.009

■ 32, 62.823,
293.035

■ 78, 14.288, 90.087

■ 28, 70.685,
296.482

■ 82, 20.521, 89.273

■ 87, 26.641, 88.553

■ 28, 72.459,
297.190

■ 91, 32.648, 87.912

Harmonies

Complementary

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



52, 25.545, 278.405



62, 25.537, 87.585

Rectangle

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



52, 25.545, 278.405



52, 25.545, 328.405



52, 25.545, 98.405



52, 25.545, 148.405

Sweetspot

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



52, 25.544, 278.405



81, 8.999, 273.842



64, 25.570, 169.898



42, 6.101, 274.022



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



52, 25.544, 278.405



62, 37.966, 280.212



47, 37.510, 300.180



33, 3.763, 273.584



24, 65.588, 296.826



2, 7.152, 275.639

Inverse Universe

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



51, 28.022, 359.097



62, 41.484, 0.448



66, 34.331, 114.023



33, 4.055, 355.562



31, 57.672, 18.424



2, 7.105, 357.838

Previews

White Background



This preview shows how the CIELCh color 52, 25.545, 278.405 looks on a white background.

Color Contrast Check

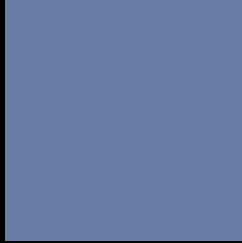
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.545, 278.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

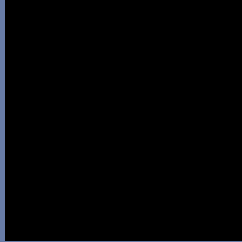
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

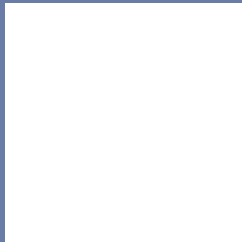
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 25.545, 278.405

Background



This preview shows how black text looks on a background with the CIELCh color 52, 25.545, 278.405.

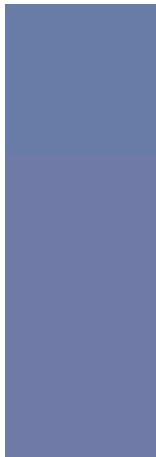


This preview shows how white text looks on a background with the CIELCh color 52, 25.545, 278.405.

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, 25.545, 278.405

Protanopia

52, 25.707, 285.110

Deuteranopia

52, 26.276, 285.387



Tritanopia
52, 12.642, 225.926

Trichromacy



Original Color
52, 25.545, 278.405

Protanomaly
52, 25.283, 281.902

Deuteranomaly
52, 25.845, 282.263

Tritanomaly
52, 15.539, 254.604

Monochromacy



Original Color
52, 25.545, 278.405

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 9.607, 275.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 25.545, 278.405 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(104, 124, 167)` looks like.

```
.text, #text, p{  
    color:rgb(104, 124, 167)  
}
```

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(104, 124, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 124, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 25.545, 278.405 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(104, 124, 167) }
```

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

```
.border{ border-color:rgb(104, 124, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 124, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 124, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 124, 167);  
box-shadow:4px 4px 4px 4px rgb(104, 124,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 25.545, 278.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 124, 167) }
```

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

```
.background{ background-color: rgb(104,  
124, 167) }
```

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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