

Converting Colors

CIELCh(52, 27.077, 296.987)

Have a look what the booklet for
CIELCh(52, 27.077, 296.987)
contains.

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Color

CIELCh(52, 26.858, 297.124)

Conversions

Conversions Part 1

Format	Color
Hex	7C77A5
RGB	124, 119, 165
RGB Percent	49%, 47%, 65%
CMY	0.5143, 0.5339, 0.3535
CMYK	0.25, 0.28, 0.00, 0.35
HSL	247°, 20%, 56%
HSV	247°, 28%, 65%
XYZ	21.6479, 20.1443, 38.2712
YIQ	125.7390, -11.7860, 15.3660

Conversions

Conversions Part 2

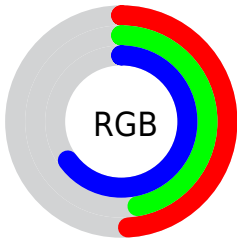
Format	Color
R_{YB}	124, 119, 165
Decimal	8157093
CIE _{Lab}	52.00, 12.25, -23.90
CIE _{LCh}	52, 26.858, 297.124
Yxy	20.1443, 0.2704, 0.2516
Android (android.graphics.Color)	4286347173 (0xFF7C77A5)
YUV	125.7390, 19.3557, -1.5251
Hunter-Lab	44.8824, 7.5507, -19.1388

Details

The CIELCh color $52, 26.858, 297.124$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $66, 25.186, 112.242$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 26.856, 297.024$, and $32, 26.663, 296.940$ is the 20% darker color. If you saturate the color by 10%, you get $46, 37.221, 298.380$, and if you desaturate by 10%, it is $58, 16.890, 296.033$.

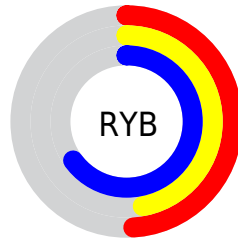
Distribution



Red (49%)

Green (47%)

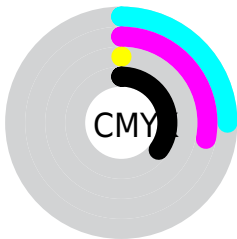
Blue (65%)



Red (49%)

Yellow (47%)

Blue (65%)

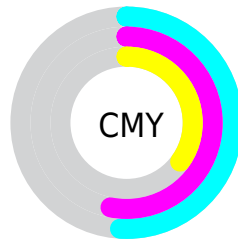


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (35%)



Cyan (51%)


Magenta (53%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 26.858, 297.124 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, 26.858, 297.124 by changing the saturation by 10% instead.


 52, 26.858,
297.124


 52, 26.858,
297.124


 100, 26.858,
297.124


 42, 26.858,
297.124


 72, 26.858,
297.124

 32, 26.858,
297.124

 82, 26.858,
297.124

 22, 26.858,
297.124

 92, 26.858,
297.124

 12, 26.858,
297.124

 2, 26.858, 297.124

 0, 26.858, 297.124

■ 52, 26.858,
297.124

■ 52, 26.858,
297.124

■ 46, 37.221,
298.380

■ 58, 16.890,
296.033

■ 41, 47.959,
299.803

■ 63, 7.312, 295.095

■ 69, 1.899, 114.275

■ 35, 58.966,
301.368

■ 74, 10.767,
113.592

■ 30, 69.957,
303.000

■ 80, 19.315,
112.999

■ 26, 80.306,
304.549

■ 85, 27.566,
112.490

■ 22, 88.915,
305.775


■ 91, 35.540,
112.051

■ 20, 94.775,
306.519

■ 96, 43.254,
111.672

■ 19, 95.908,

306.694

 98, 45.029,
106.737

Harmonies

Complementary

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



52, 26.858, 297.124



66, 25.186, 112.242

Rectangle

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



52, 26.858, 297.124



52, 26.858, 347.124



52, 26.858, 117.124



52, 26.858, 167.124

Sweetspot

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



52, 26.857, 297.124



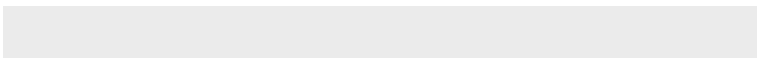
80, 9.171, 295.116



63, 14.620, 208.396



41, 6.523, 295.244



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



52, 26.857, 297.124



63, 39.769, 297.820



54, 28.455, 313.687



32, 5.208, 295.214



16, 87.383, 306.742



1, 7.972, 294.044

Inverse Universe

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



56, 29.056, 329.137



68, 42.433, 329.473



65, 27.638, 131.245



32, 5.817, 328.036



33, 69.926, 332.988



1, 8.808, 328.511

Previews

White Background



This preview shows how the CIELCh color 52, 26.858, 297.124 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, 26.858, 297.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

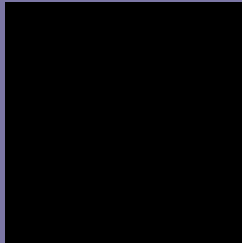
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 26.858, 297.124

Background



This preview shows how black text looks on a background with the CIELCh color 52, 26.858, 297.124.



This preview shows how white text looks on a background with the CIELCh color 52, 26.858, 297.124.

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, 26.858, 297.124

Protanopia

52, 26.846, 285.654

Deuteranopia

52, 24.468, 286.815



Tritanopia
52, 5.816, 263.476

Trichromacy



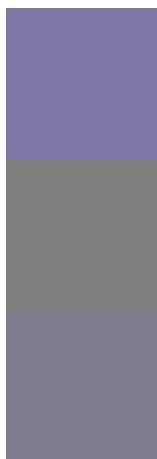
Original Color
52, 26.858, 297.124

Protanomaly
52, 26.737, 289.846

Deuteranomaly
52, 24.987, 290.894

Tritanomaly
52, 12.807, 286.820

Monochromacy



Original Color
52, 26.858, 297.124

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 9.918, 295.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 26.858, 297.124 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(124, 119, 165)` looks like.

```
.text, #text, p{  
    color:rgb(124, 119, 165)  
}
```

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(124, 119, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 119, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 26.858, 297.124 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(124, 119, 165) }
```

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

```
.border{ border-color:rgb(124, 119, 165) }
```

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

Here you see how a box with a 4 pixel rgb(124, 119, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 119, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 119, 165);  
box-shadow:4px 4px 4px 4px rgb(124, 119,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 26.858, 297.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 119, 165) }
```

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

```
.background{ background-color: rgb(124,  
119, 165) }
```

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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