

Converting Colors

CIELCh(52, 25.362, 315.750)

Have a look what the booklet for
CIELCh(52, 25.362, 315.750)
contains.

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Color

CIELCh(52, 25.403, 316.018)

Conversions

Conversions Part 1

Format	Color
Hex	8D729A
RGB	141, 114, 154
RGB Percent	55%, 45%, 60%
CMY	0.4457, 0.5517, 0.3947
CMYK	0.08, 0.26, 0.00, 0.39
HSL	281°, 17%, 53%
HSV	281°, 26%, 61%
XYZ	22.9568, 20.1443, 33.3989
YIQ	126.6330, 3.2520, 18.1640

Conversions

Conversions Part 2

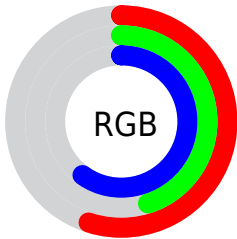
Format	Color
R _Y B	141, 114, 154
Decimal	9269914
CIE Lab	52.00, 18.28, -17.64
CIE LCh	52, 25.403, 316.018
Yxy	20.1443, 0.3001, 0.2633
Android (android.graphics.Color)	4287459994 (0xFF8D729A)
YUV	126.6330, 13.4919, 12.5999
Hunter-Lab	44.8824, 12.7561, -12.7025

Details

The CIELCh color $52, 25.403, 316.018$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 24.876, 133.774$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 25.207, 316.282$, and $32, 25.264, 315.544$ is the 20% darker color. If you saturate the color by 10%, you get $48, 35.398, 316.446$, and if you desaturate by 10%, it is $56, 15.467, 315.585$.

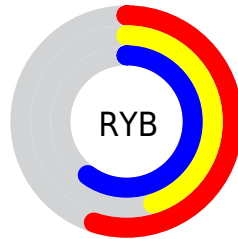
Distribution



Red (55%)

Green (45%)

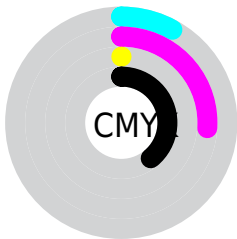
Blue (60%)



Red (55%)

Yellow (45%)

Blue (60%)

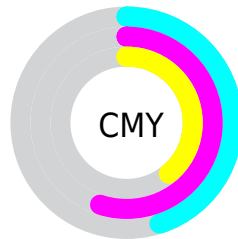


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (39%)



Cyan (45%)


Magenta (55%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 25.403, 316.018 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, 25.403, 316.018 by changing the saturation by 10% instead.


 52, 25.403,
316.018


 52, 25.403,
316.018


 100, 25.403,
316.018


 42, 25.403,
316.018


 72, 25.403,
316.018

 32, 25.403,
316.018

 82, 25.403,
316.018

 22, 25.403,
316.018

 92, 25.403,
316.018

 12, 25.403,
316.018

 2, 25.403, 316.018

 0, 25.403, 316.018

■ 52, 25.403,
316.018

■ 52, 25.403,
316.018

■ 48, 35.398,
316.446

■ 56, 15.467,
315.585

■ 43, 45.292,
316.848

■ 61, 5.696, 315.152

■ 66, 3.854, 134.819

■ 39, 54.833,
317.190

■ 70, 13.153,
134.425

■ 36, 63.660,
317.428

■ 75, 22.190,
134.082

■ 33, 71.309,
317.503

■ 79, 30.964,
133.773

■ 30, 77.268,
317.347


■ 84, 39.480,
133.494

■ 28, 81.212,
316.913

■ 89, 47.747,
133.244

■ 28, 82.625,

316.725

 93, 55.778,
133.021

Harmonies

Complementary

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



52, 25.403, 316.018



61, 24.876, 133.774

Rectangle

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



52, 25.403, 316.018



52, 25.403, 6.018



52, 25.403, 136.018



52, 25.403, 186.018

Sweetspot

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



52, 25.401, 316.018



77, 9.575, 315.250



53, 15.979, 274.896



40, 6.869, 315.312



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



52, 25.401, 316.018



64, 37.873, 316.263



53, 24.593, 330.948



30, 5.412, 315.296



25, 77.006, 316.807



1, 5.777, 314.572

Inverse Universe

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



52, 17.872, 356.912



65, 26.741, 357.654



60, 24.517, 147.574



30, 3.761, 355.040



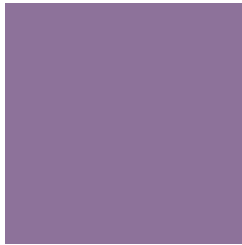
29, 55.259, 17.443



1, 3.985, 354.618

Previews

White Background



This preview shows how the CIELCh color 52, 25.403, 316.018 looks on a white background.

Color Contrast Check

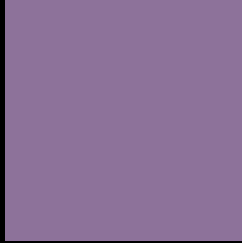
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.403, 316.018 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, 25.403, 316.018

Background



This preview shows how black text looks on a background with the CIELCh color 52, 25.403, 316.018.



This preview shows how white text looks on a background with the CIELCh color 52, 25.403, 316.018.

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, 25.403, 316.018

Protanopia

52, 21.612, 284.577

Deuteranopia

52, 18.015, 292.407



Tritanopia
52, 8.927, 344.695

Trichromacy



Original Color
52, 25.403, 316.018

Protanomaly
52, 22.187, 296.559

Deuteranomaly
52, 20.191, 302.994

Tritanomaly
52, 14.958, 326.524

Monochromacy



Original Color
52, 25.403, 316.018

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 9.576, 315.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 25.403, 316.018 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(141, 114, 154)` looks like.

```
.text, #text, p{  
    color:rgb(141, 114, 154)  
}
```

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(141, 114, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 114, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 25.403, 316.018 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(141, 114, 154) }
```

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

```
.border{ border-color:rgb(141, 114, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 114, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 114, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 114, 154);  
box-shadow:4px 4px 4px 4px rgb(141, 114,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 25.403, 316.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 114, 154) }
```

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

```
.background{ background-color: rgb(141,  
114, 154) }
```

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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