

Converting Colors

CIELCh(58, 25.258, 326.592)

Have a look what the booklet for
CIELCh(58, 25.258, 326.592)
contains.

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Color

CIELCh(58, 25.403, 326.394)

Conversions

Conversions Part 1

Format	Color
Hex	A57FA4
RGB	165, 127, 164
RGB Percent	65%, 50%, 64%
CMY	0.3519, 0.5010, 0.3558
CMYK	0.00, 0.23, 0.01, 0.35
HSL	302°, 17%, 57%
HSV	302°, 23%, 65%
XYZ	29.9182, 25.9610, 38.6799
YIQ	142.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

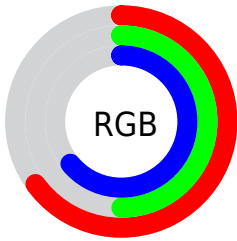
Format	Color
R_{YB}	165, 127, 164
Decimal	10846116
CIE _{Lab}	58.00, 21.16, -14.06
CIE _{LCh}	58, 25.403, 326.394
Yxy	25.9610, 0.3164, 0.2745
Android (android.graphics.Color)	4289036196 (0xFFA57FA4)
YUV	142.5800, 10.5601, 19.6623
Hunter-Lab	50.9519, 15.6466, -9.3433

Details

The CIELCh color $58, 25.403, 326.394$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $64, 25.384, 143.661$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 25.353, 326.112$, and $38, 25.706, 326.851$ is the 20% darker color. If you saturate the color by 10%, you get $54, 36.338, 326.930$, and if you desaturate by 10%, it is $62, 14.321, 325.843$.

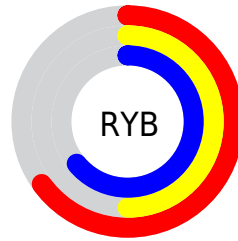
Distribution



Red (65%)

Green (50%)

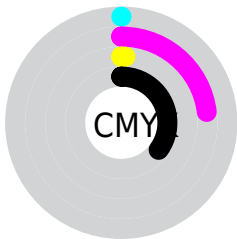
Blue (64%)



Red (65%)

Yellow (50%)

Blue (64%)

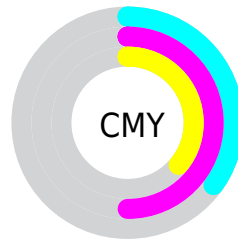


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (35%)



Cyan (35%)


Magenta (50%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 25.403, 326.394 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 58, 25.403, 326.394 by changing the saturation by 10% instead.

 58, 25.403,
326.394

 58, 25.403,
326.394


 100, 25.403,
326.394


 48, 25.403,
326.394


 78, 25.403,
326.394

 38, 25.403,
326.394

 88, 25.403,
326.394

 28, 25.403,
326.394

 98, 25.403,
326.394

 18, 25.403,
326.394

 8, 25.403, 326.394

 0, 25.403, 326.394

58, 25.403,
326.394

58, 25.403,
326.394

54, 36.338,
326.930

62, 14.321,
325.843

50, 46.867,
327.441

67, 3.288, 325.245

71, 7.573, 144.809

47, 56.645,
327.913

76, 18.183,
144.271

44, 65.264,
328.332

80, 28.500,
143.768

42, 72.308,
328.686

85, 38.501,
143.290

40, 77.437,
328.968


89, 48.185,
142.839

39, 80.503,
329.179

93, 55.006,
142.562

39, 81.837,

329.299

 93, 54.825,
142.691

Harmonies

Complementary

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



58, 25.403, 326.394



64, 25.384, 143.661

Rectangle

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



58, 25.403, 326.394



58, 25.403, 16.394



58, 25.403, 146.394



58, 25.403, 196.394

Sweetspot

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



58, 25.401, 326.394



82, 9.494, 325.509



55, 21.911, 293.364



43, 6.160, 325.541



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 25.401, 326.394



71, 38.159, 326.692



57, 18.198, 346.598



32, 6.156, 325.632



34, 74.496, 329.287



2, 9.475, 325.388

Inverse Universe

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



58, 25.401, 326.394



71, 38.159, 326.692



65, 17.651, 162.533



32, 6.156, 325.632



34, 74.496, 329.287



2, 9.475, 325.388

Previews

White Background



This preview shows how the CIELCh color 58, 25.403, 326.394 looks on a white background.

Color Contrast Check

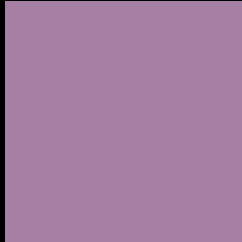
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 25.403, 326.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

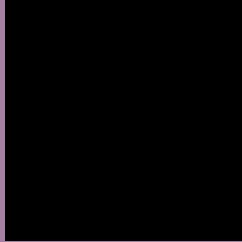
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 25.403, 326.394

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.403, 326.394.



This preview shows how white text looks on a background with the CIELCh color 58, 25.403, 326.394.

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


58, 25.403, 326.394

Protanopia

58, 19.398, 286.196

Deuteranopia

58, 15.576, 300.016



Tritanopia
58, 13.785, 354.107

Trichromacy



Original Color
58, 25.403, 326.394

Protanomaly
58, 20.341, 302.601

Deuteranomaly
58, 18.293, 312.149

Tritanomaly
58, 17.129, 339.888

Monochromacy



Original Color
58, 25.403, 326.394

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.641, 324.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.403, 326.394 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(165, 127, 164)` looks like.

```
.text, #text, p{  
    color:rgb(165, 127, 164)  
}
```

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(165, 127, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 127, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.403, 326.394 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(165, 127, 164) }
```

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

```
.border{ border-color:rgb(165, 127, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 127, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 127, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 127, 164);  
box-shadow:4px 4px 4px 4px rgb(165, 127,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.403, 326.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 127, 164) }
```

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

```
.background{ background-color: rgb(165,  
127, 164) }
```

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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