

Converting Colors

CIELCh(52, 25.650, 348.044)

Have a look what the booklet for
CIELCh(52, 25.650, 348.044)
contains.

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Color

CIELCh(52, 26.057, 347.827)

Conversions

Conversions Part 1

Format	Color
Hex	A26C86
RGB	162, 108, 134
RGB Percent	64%, 42%, 53%
CMY	0.3645, 0.5763, 0.4743
CMYK	0.00, 0.33, 0.17, 0.36
HSL	331°, 23%, 53%
HSV	331°, 33%, 64%
XYZ	24.5845, 20.1443, 25.1643
YIQ	127.1100, 23.8380, 19.5340

Conversions

Conversions Part 2

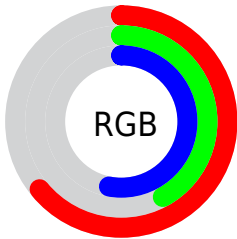
Format	Color
R_{YB}	162, 108, 134
Decimal	10644614
CIE _{Lab}	52.00, 25.47, -5.49
CIE _{LCh}	52, 26.057, 347.827
Yxy	20.1443, 0.3517, 0.2882
Android (android.graphics.Color)	4288834694 (0xFFA26C86)
YUV	127.1100, 3.3968, 30.5985
Hunter-Lab	44.8824, 19.2298, -1.8245

Details

The CIELCh color $52, 26.057, 347.827$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 24.934, 161.543$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 26.170, 348.071$, and $32, 26.115, 348.071$ is the 20% darker color. If you saturate the color by 10%, you get $48, 33.811, 349.081$, and if you desaturate by 10%, it is $56, 18.143, 346.737$.

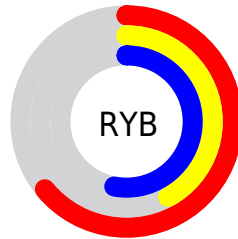
Distribution



Red (64%)

Green (42%)

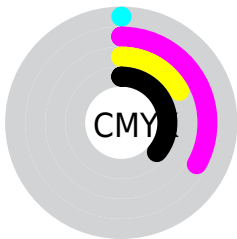
Blue (53%)



Red (64%)

Yellow (42%)

Blue (53%)

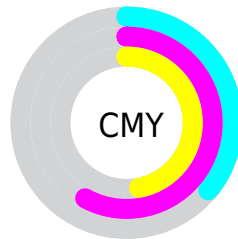


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (36%)



Cyan (36%)


Magenta (58%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 26.057, 347.827 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, 26.057, 347.827 by changing the saturation by 10% instead.


 52, 26.057,
347.827


 52, 26.057,
347.827


 100, 26.057,
347.827


 42, 26.057,
347.827


 72, 26.057,
347.827

 32, 26.057,
347.827

 82, 26.057,
347.827

 22, 26.057,
347.827

 92, 26.057,
347.827

 12, 26.057,
347.827

 2, 26.057, 347.827

 0, 26.057, 347.827

52, 26.057,
347.827

52, 26.057,
347.827

48, 33.811,
349.081

56, 18.143,
346.737

44, 41.143,
350.552

61, 10.262,
345.761

41, 47.703,
352.322

65, 2.530, 344.793

38, 53.099,
354.505

70, 4.988, 164.221

36, 56.993,
357.247

74, 12.258,
163.465


35, 59.243, 0.704

79, 19.269,
162.797

34, 60.263, 3.286

84, 26.026,
162.184

88, 32.539,
161.618

 93, 38.825,
161.093

Harmonies

Complementary

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



52, 26.057, 347.827



62, 24.934, 161.543

Rectangle

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



52, 26.057, 347.827



52, 26.057, 37.827



52, 26.057, 167.827



52, 26.057, 217.827

Sweetspot

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



52, 26.055, 347.829



79, 9.538, 345.470



50, 33.212, 311.221



41, 6.570, 345.594



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, 26.055, 347.829



63, 38.847, 348.742



51, 22.929, 23.451



32, 4.361, 345.385



31, 55.677, 2.841



1, 6.509, 347.240

Inverse Universe

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



52, 26.055, 347.829



63, 38.847, 348.742



63, 18.253, 199.433



32, 4.361, 345.385



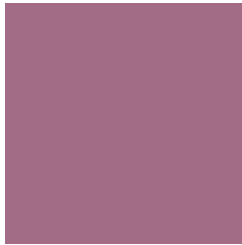
31, 55.677, 2.841



1, 6.509, 347.240

Previews

White Background



This preview shows how the CIELCh color 52, 26.057, 347.827 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, 26.057, 347.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

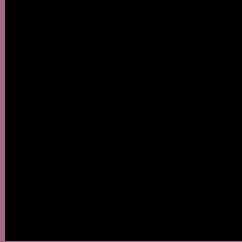
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 26.057, 347.827

Background



This preview shows how black text looks on a background with the CIELCh color 52, 26.057, 347.827.



This preview shows how white text looks on a background with the CIELCh color 52, 26.057, 347.827.

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, 26.057, 347.827

Protanopia

52, 12.209, 288.221

Deuteranopia

52, 7.987, 327.243



Tritanopia
52, 20.901, 9.381

Trichromacy



Original Color
52, 26.057, 347.827

Protanomaly
52, 14.617, 320.025

Deuteranomaly
52, 14.870, 339.752

Tritanomaly
52, 22.351, 1.249

Monochromacy



Original Color
52, 26.057, 347.827

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 9.892, 344.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 26.057, 347.827 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(162, 108, 134)` looks like.

```
.text, #text, p{  
    color:rgb(162, 108, 134)  
}
```

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(162, 108, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 108, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 26.057, 347.827 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(162, 108, 134) }
```

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

```
.border{ border-color:rgb(162, 108, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 108, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 108, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 108, 134);  
box-shadow:4px 4px 4px 4px rgb(162, 108,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 26.057, 347.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 108, 134) }
```

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

```
.background{ background-color: rgb(162,  
108, 134) }
```

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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