

Converting Colors

CIELCh(57, 34.538, 299.536)

Have a look what the booklet for
CIELCh(57, 34.538, 299.536)
contains.

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Color

CIELCh(57, 34.538, 299.536)

Conversions

Conversions Part 1

Format	Color
Hex	8B81BD
RGB	139, 129, 189
RGB Percent	55%, 51%, 74%
CMY	0.4543, 0.4935, 0.2582
CMYK	0.26, 0.32, 0.00, 0.26
HSL	250°, 31%, 62%
HSV	250°, 32%, 74%
XYZ	27.7454, 24.9227, 51.5830
YIQ	138.8300, -13.3000, 20.7800

Conversions

Conversions Part 2

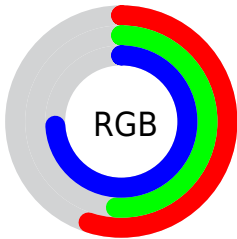
Format	Color
RYB	139, 129, 189
Decimal	9142717
CIELab	57.00, 17.03, -30.05
CIELCh	57, 34.538, 299.536
Yxy	24.9227, 0.2661, 0.2391
Android (android.graphics.Color)	4287332797 (0xFF8B81BD)
YUV	138.8300, 24.7338, 0.1491
Hunter-Lab	49.9226, 11.8402, -26.3161

Details

The CIELCh color $57, 34.538, 299.536$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $75, 32.110, 114.424$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 34.218, 299.756$, and $37, 34.148, 299.240$ is the 20% darker color. If you saturate the color by 10%, you get $51, 46.294, 300.708$, and if you desaturate by 10%, it is $63, 23.194, 298.503$.

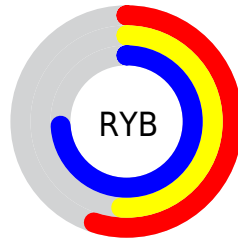
Distribution



Red (55%)

Green (51%)

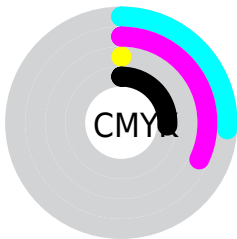
Blue (74%)



Red (55%)

Yellow (51%)

Blue (74%)

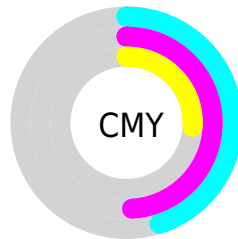


Cyan (26%)

Magenta (32%)

Yellow (0%)

Black (26%)



Cyan (45%)


Magenta (49%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 34.538, 299.536 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 57, 34.538, 299.536 by changing the saturation by 10% instead.


 57, 34.538,
299.536

 57, 34.538,
299.536


 100, 34.538,
299.536


 47, 34.538,
299.536


 77, 34.538,
299.536

 37, 34.538,
299.536

 87, 34.538,
299.536

 27, 34.538,
299.536

 97, 34.538,
299.536

 17, 34.538,
299.536

 7, 34.538, 299.536

 0, 34.538, 299.536

57, 34.538,
299.536

57, 34.538,
299.536

51, 46.294,
300.708

63, 23.194,
298.503

45, 58.393,
302.007

69, 12.279,
297.605

39, 70.626,
303.390

76, 1.779, 296.831

34, 82.522,
304.756

82, 8.328, 116.163

29, 93.181,
305.932

88, 18.067,
115.590

26, 101.257,
306.680

94, 27.462,
115.098

24, 105.716,
306.991

98, 33.206,
111.279

99, 33.126,
107.656

Harmonies

Complementary

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



57, 34.538, 299.536



75, 32.110, 114.424

Rectangle

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



57, 34.538, 299.536



57, 34.538, 349.536



57, 34.538, 119.536



57, 34.538, 169.536

Sweetspot

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



57, 34.537, 299.536



89, 12.876, 297.476



70, 17.442, 216.607



46, 8.804, 297.592



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



57, 34.537, 299.536



67, 51.684, 300.328



60, 36.775, 316.022



37, 5.898, 297.411



19, 92.464, 307.071



1, 17.520, 295.277

Inverse Universe

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



62, 35.462, 331.348



74, 52.109, 331.795



73, 35.802, 133.189



37, 6.298, 329.926



36, 71.094, 336.087



3, 18.215, 332.443

Previews

White Background



This preview shows how the CIELCh color 57, 34.538, 299.536 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 57, 34.538, 299.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

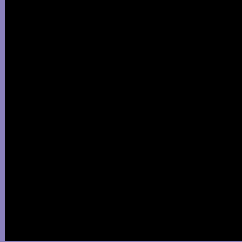
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 34.538, 299.536

Background



This preview shows how black text looks on a background with the CIELCh color 57, 34.538, 299.536.



This preview shows how white text looks on a background with the CIELCh color 57, 34.538, 299.536.

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](#).

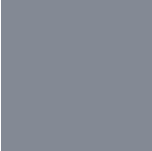
Dichromacy



Original Color
57, 34.538, 299.536

Protanopia
57, 33.846, 284.986

Deuteranopia
57, 30.400, 285.125



Tritanopia
57, 6.624, 271.049

Trichromacy



Original Color
57, 34.538, 299.536

Protanomaly
57, 33.672, 290.185

Deuteranomaly
57, 31.391, 290.774

Tritanomaly
57, 16.578, 292.107

Monochromacy



Original Color
57, 34.538, 299.536

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 12.673, 298.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 34.538, 299.536 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(139, 129, 189)` looks like.

```
.text, #text, p{  
    color:rgb(139, 129, 189)  
}
```

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(139, 129, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 129, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 34.538, 299.536 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(139, 129, 189) }
```

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

```
.border{ border-color:rgb(139, 129, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 129, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 129, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 129, 189);  
box-shadow:4px 4px 4px 4px rgb(139, 129,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 34.538, 299.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 129, 189) }
```

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

```
.background{ background-color: rgb(139,  
129, 189) }
```

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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