

Converting Colors

CIELCh(57, 26.019, 308.139)

Have a look what the booklet for
CIELCh(57, 26.019, 308.139)
contains.

CIELCh(57, 25.605, 308.281)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 25.605, 308.281)

Conversions

Conversions Part 1

Format	Color
Hex	9481AC
RGB	148, 129, 172
RGB Percent	58%, 51%, 67%
CMY	0.4201, 0.4946, 0.3260
CMYK	0.14, 0.25, 0.00, 0.33
HSL	267°, 21%, 59%
HSV	267°, 25%, 67%
XYZ	27.4545, 24.9227, 42.3239
YIQ	139.5830, -2.4790, 17.4010

Conversions

Conversions Part 2

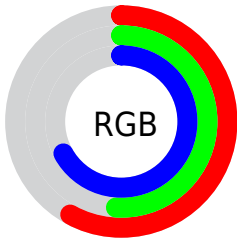
Format	Color
R_{YB}	148, 129, 172
Decimal	9732524
CIE _{Lab}	57.00, 15.86, -20.10
CIE _{LCh}	57, 25.605, 308.281
Yxy	24.9227, 0.2899, 0.2632
Android (android.graphics.Color)	4287922604 (0xFF9481AC)
YUV	139.5830, 15.9816, 7.3817
Hunter-Lab	49.9226, 10.7999, -15.3196

Details

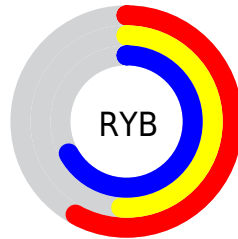
The CIELCh color $57, 25.605, 308.281$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $68, 24.637, 125.823$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 25.280, 308.101$, and $37, 25.624, 308.148$ is the 20% darker color. If you saturate the color by 10%, you get $52, 36.309, 308.869$, and if you desaturate by 10%, it is $62, 15.147, 307.732$.

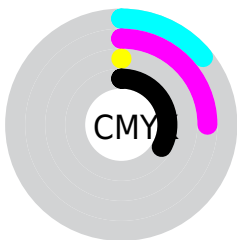
Distribution



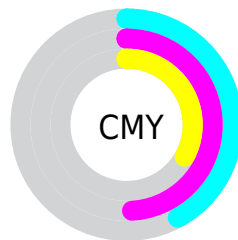
- Red (58%)
- Green (51%)
- Blue (67%)



- Red (58%)
- Yellow (51%)
- Blue (67%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)





- Cyan (42%)
- Magenta (49%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 25.605, 308.281 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, 25.605, 308.281 by changing the saturation by 10% instead.


 57, 25.605,
308.281


 57, 25.605,
308.281


 100, 25.605,
308.281


 47, 25.605,
308.281


 77, 25.605,
308.281

 37, 25.605,
308.281

 87, 25.605,
308.281

 27, 25.605,
308.281

 97, 25.605,
308.281

 17, 25.605,
308.281

 7, 25.605, 308.281

 0, 25.605, 308.281

57, 25.605,
308.281

57, 25.605,
308.281

52, 36.309,
308.869

62, 15.147,
307.732

47, 47.166,
309.481

68, 4.986, 307.223

42, 57.989,
310.083

73, 4.862, 126.813

37, 68.452,
310.622

78, 14.398,
126.406

33, 78.036,
311.013

84, 23.628,
126.057

29, 86.017,
311.142

89, 32.567,
125.753

26, 91.623,
310.884

94, 41.229,
125.489

25, 93.939,

96, 43.360,
122.498

310.715

 97, 42.465,
117.844

Harmonies

Complementary

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



57, 25.605, 308.281



68, 24.637, 125.823

Rectangle

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



57, 25.605, 308.281



57, 25.605, 358.281



57, 25.605, 128.281



57, 25.605, 178.281

Sweetspot

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



57, 25.603, 308.280



84, 9.925, 307.380



62, 13.248, 251.315



44, 7.059, 307.454



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 25.603, 308.280



70, 38.432, 308.601



59, 28.498, 323.876



34, 5.704, 307.438



22, 85.072, 310.834



1, 11.727, 304.047

Inverse Universe

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



59, 21.455, 342.717



72, 32.016, 343.254



66, 28.398, 141.149



34, 4.831, 341.324



32, 58.142, 355.961



2, 9.466, 345.669

Previews

White Background



This preview shows how the CIE LCh color 57, 25.605, 308.281 looks on a white background.

Color Contrast Check

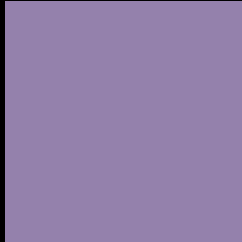
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 25.605, 308.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

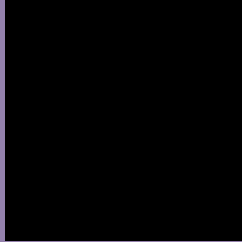
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 25.605, 308.281

Background



This preview shows how black text looks on a background with the CIELCh color 57, 25.605, 308.281.



This preview shows how white text looks on a background with the CIELCh color 57, 25.605, 308.281.

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

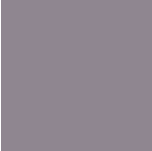
57, 25.605, 308.281

Protanopia

57, 24.073, 285.687

Deuteranopia

57, 21.131, 291.668



Tritanopia
57, 6.726, 322.013

Trichromacy



Original Color
57, 25.605, 308.281

Protanomaly
57, 24.013, 293.757

Deuteranomaly
57, 22.450, 298.140

Tritanomaly
57, 13.558, 312.766

Monochromacy



Original Color
57, 25.605, 308.281

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 9.546, 307.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 25.605, 308.281 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(148, 129, 172)` looks like.

```
.text, #text, p{  
    color:rgb(148, 129, 172)  
}
```

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(148, 129, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 129, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 25.605, 308.281 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(148, 129, 172) }
```

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

```
.border{ border-color:rgb(148, 129, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 129, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 129, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 129, 172);  
box-shadow:4px 4px 4px 4px rgb(148, 129,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 25.605, 308.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 129, 172) }
```

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

```
.background{ background-color: rgb(148,  
129, 172) }
```

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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