

Converting Colors

CIELCh(57, 24.107, 284.910)

Have a look what the booklet for
CIELCh(57, 24.107, 284.910)
contains.

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Color

CIELCh(57, 24.107, 284.910)

Conversions

Conversions Part 1

Format	Color
Hex	7D87B1
RGB	125, 135, 177
RGB Percent	49%, 53%, 69%
CMY	0.5092, 0.4700, 0.3053
CMYK	0.29, 0.24, 0.00, 0.31
HSL	228°, 25%, 59%
HSV	228°, 29%, 69%
XYZ	25.1169, 24.9227, 45.1653
YIQ	136.7980, -19.4420, 10.9420

Conversions

Conversions Part 2

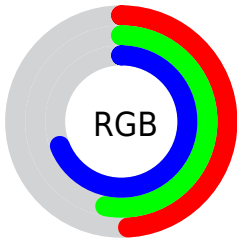
Format	Color
R_{YB}	125, 133, 177
Decimal	8226737
CIE _{Lab}	57.00, 6.20, -23.30
CIE _{LCh}	57, 24.107, 284.910
Yxy	24.9227, 0.2638, 0.2618
Android (android.graphics.Color)	4286416817 (0xFF7D87B1)
YUV	136.7980, 19.8196, -10.3468
Hunter-Lab	49.9226, 2.4419, -18.6942

Details

The CIELCh color $57, 24.107, 284.910$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 23.267, 97.504$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 24.286, 285.378$, and $37, 24.271, 285.134$ is the 20% darker color. If you saturate the color by 10%, you get $52, 32.837, 286.757$, and if you desaturate by 10%, it is $62, 15.654, 283.327$.

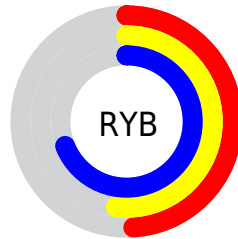
Distribution



Red (49%)

Green (53%)

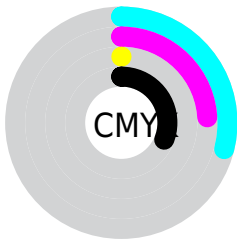
Blue (69%)



Red (49%)

Yellow (52%)

Blue (69%)

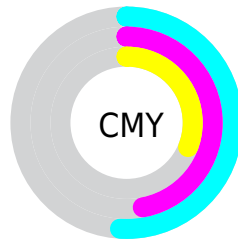


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (51%)


Magenta (47%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 24.107, 284.910 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, 24.107, 284.910 by changing the saturation by 10% instead.


 57, 24.107,
284.910


 57, 24.107,
284.910


 100, 24.107,
284.910


 47, 24.107,
284.910


 77, 24.107,
284.910

 37, 24.107,
284.910

 87, 24.107,
284.910

 27, 24.107,
284.910

 97, 24.107,
284.910

 17, 24.107,
284.910

 7, 24.107, 284.910

 0, 24.107, 284.910

57, 24.107,
284.910

57, 24.107,
284.910

52, 32.837,
286.757

62, 15.654,
283.327

47, 41.875,
288.901

67, 7.459, 281.978

73, 0.499, 100.513

42, 51.236,
291.352

78, 8.235, 99.770

37, 60.898,
294.081

83, 15.761, 98.907

32, 70.722,
296.991

88, 23.087, 98.149

93, 30.223, 97.484

28, 80.334,
299.894

97, 36.593,
104.082

25, 89.046,
302.471

98, 39.039,
107.199

25, 89.562,

302.611

Harmonies

Complementary

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



57, 24.107, 284.910



68, 23.267, 97.504

Rectangle

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



57, 24.107, 284.910



57, 24.107, 334.910



57, 24.107, 104.910



57, 24.107, 154.910

Sweetspot

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



57, 24.106, 284.909



85, 8.856, 281.953



69, 19.381, 180.567



44, 6.159, 282.131



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 24.106, 284.909



69, 35.826, 286.029



56, 30.461, 303.762



35, 4.544, 281.975



21, 79.591, 302.311



2, 11.403, 283.332

Inverse Universe

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



58, 21.825, 7.033



70, 32.526, 7.970



70, 28.746, 120.119



35, 4.033, 4.630



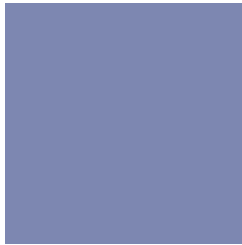
31, 63.306, 29.157



2, 9.393, 7.255

Previews

White Background



This preview shows how the CIELCh color 57, 24.107, 284.910 looks on a white background.

Color Contrast Check

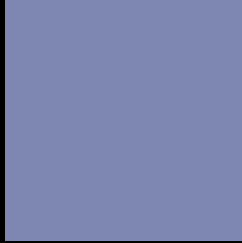
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.107, 284.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

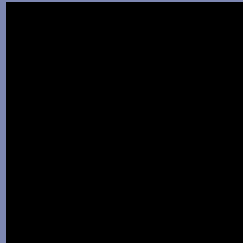
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 24.107, 284.910

Background



This preview shows how black text looks on a background with the CIELCh color 57, 24.107, 284.910.



This preview shows how white text looks on a background with the CIELCh color 57, 24.107, 284.910.

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

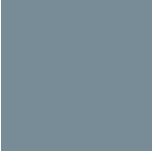
57, 24.107, 284.910

Protanopia

57, 24.073, 285.687

Deuteranopia

57, 24.588, 288.265



Tritanopia
57, 9.468, 240.585

Trichromacy



Original Color
57, 24.107, 284.910

Protanomaly
57, 24.073, 285.687

Deuteranomaly
57, 24.610, 287.494

Tritanomaly
57, 14.122, 268.064

Monochromacy



Original Color
57, 24.107, 284.910

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.181, 284.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 24.107, 284.910 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(125, 135, 177)` looks like.

```
.text, #text, p{  
    color:rgb(125, 135, 177)  
}
```

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(125, 135, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 135, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 24.107, 284.910 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(125, 135, 177) }
```

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

```
.border{ border-color:rgb(125, 135, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 135, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 135, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 135, 177);  
box-shadow:4px 4px 4px 4px rgb(125, 135,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 24.107, 284.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 135, 177) }
```

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

```
.background{ background-color: rgb(125,  
135, 177) }
```

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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