

Converting Colors

CIELCh(48, 57.281, 310.487)

Have a look what the booklet for
CIELCh(48, 57.281, 310.487)
contains.

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Color

CIELCh(48, 57.281, 310.487)

Conversions

Conversions Part 1

Format	Color
Hex	895DBC
RGB	137, 93, 188
RGB Percent	54%, 36%, 74%
CMY	0.4625, 0.6351, 0.2625
CMYK	0.27, 0.51, 0.00, 0.26
HSL	268°, 42%, 55%
HSV	268°, 51%, 74%
XYZ	23.3283, 16.7945, 49.6217
YIQ	116.9860, -4.2710, 38.8730

Conversions

Conversions Part 2

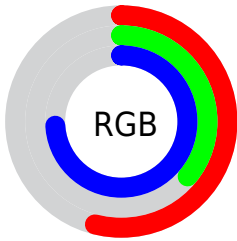
Format	Color
R_{YB}	137, 93, 188
Decimal	9002428
CIE _{Lab}	48.00, 37.19, -43.57
CIE _{LCh}	48, 57.281, 310.487
Yxy	16.7945, 0.2599, 0.1871
Android (android.graphics.Color)	4287192508 (0xFF895DBC)
YUV	116.9860, 35.0099, 17.5523
Hunter-Lab	40.9810, 29.8936, -43.1042

Details

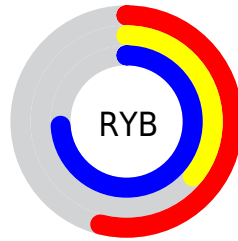
The CIELCh color $48, 57.281, 310.487$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $71, 52.800, 125.423$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 57.738, 310.685$, and $28, 57.067, 310.524$ is the 20% darker color. If you saturate the color by 10%, you get $43, 68.693, 311.024$, and if you desaturate by 10%, it is $53, 45.610, 309.905$.

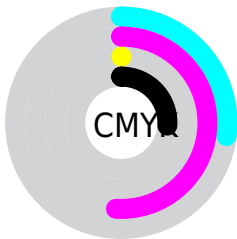
Distribution



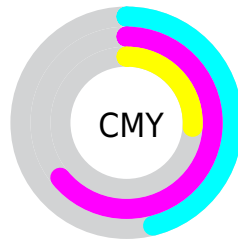
- Red (54%)
- Green (36%)
- Blue (74%)



- Red (54%)
- Yellow (36%)
- Blue (74%)



- Cyan (27%)
- Magenta (51%)
- Yellow (0%)
- Black (26%)



- Cyan (46%)
- Magenta (64%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 57.281, 310.487 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 48, 57.281, 310.487 by changing the saturation by 10% instead.

 48, 57.281,
310.487

 48, 57.281,
310.487

 100, 57.281,
310.487

 38, 57.281,
310.487

 68, 57.281,
310.487

 28, 57.281,
310.487

 78, 57.281,
310.487

 18, 57.281,
310.487

 88, 57.281,
310.487

 8, 57.281, 310.487

 98, 57.281,
310.487

 0, 57.281, 310.487

 48, 57.281,

 48, 57.281,

310.487

■ 43, 68.693,
311.024

■ 38, 79.373,
311.445

■ 34, 88.622,
311.648

■ 31, 95.606,
311.509

■ 29, 100.054,
311.079

310.487

■ 53, 45.610,
309.905

■ 59, 33.976,
309.323

■ 65, 22.540,
308.768


■ 70, 11.389,
308.252

■ 76, 0.561, 307.616

■ 82, 9.931, 127.390

■ 87, 20.091,
127.018

■ 93, 29.928,
126.693

 97, 35.315,
124.337

Harmonies

Complementary

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



48, 57.281, 310.487



71, 52.800, 125.423

Rectangle

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



48, 57.281, 310.487



48, 57.281, 0.487



48, 57.281, 130.487



48, 57.281, 180.487

Sweetspot

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



48, 57.280, 310.487



86, 20.260, 308.491



58, 28.122, 259.054



44, 13.859, 308.600



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



48, 57.280, 310.487



55, 85.732, 311.096



54, 60.790, 325.535



37, 6.143, 308.194



23, 87.870, 311.226



2, 17.975, 303.751

Inverse Universe

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



52, 45.463, 346.819



62, 66.101, 348.584



69, 60.822, 139.339



37, 5.106, 342.424



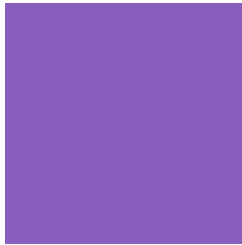
34, 59.853, 358.047



3, 14.253, 349.434

Previews

White Background



This preview shows how the CIELCh color 48, 57.281, 310.487 looks on a white 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

Black Background



This preview shows how the CIELCh color 48, 57.281, 310.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

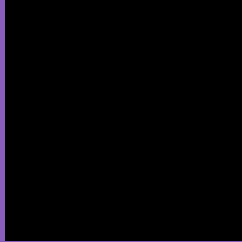
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 57.281, 310.487

Background



This preview shows how black text looks on a background with the CIELCh color 48, 57.281, 310.487.

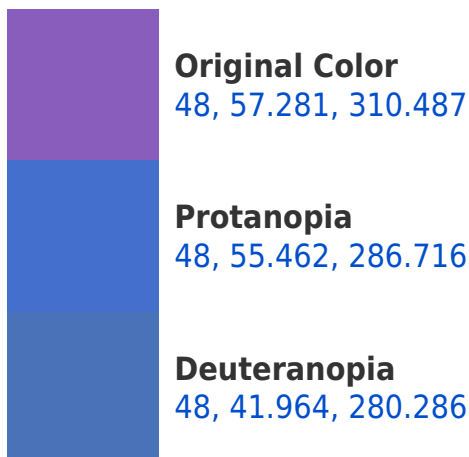



This preview shows how white text looks on a background with the CIELCh color 48, 57.281, 310.487.

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





Tritanopia
48, 7.785, 337.445

Trichromacy



Original Color
48, 57.281, 310.487

Protanomaly
47, 55.886, 294.380

Deuteranomaly
47, 46.594, 292.556

Tritanomaly
48, 25.485, 314.480

Monochromacy



Original Color
48, 57.281, 310.487

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 21.585, 308.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 57.281, 310.487 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(137, 93, 188)` looks like.

```
.text, #text, p{  
    color:rgb(137, 93, 188)  
}
```

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(137, 93, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 93, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 57.281, 310.487 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(137, 93, 188) }
```

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

```
.border{ border-color:rgb(137, 93, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 93, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 93, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 93, 188);  
box-shadow:4px 4px 4px 4px rgb(137, 93,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 57.281, 310.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 93, 188) }
```

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

```
.background{ background-color: rgb(137, 93,  
188) }
```

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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