

Converting Colors

CIELCh(56, 53.840, 327.657)

Have a look what the booklet for
CIELCh(56, 53.840, 327.657)
contains.

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Color

CIELCh(56, 54.041, 327.479)

Conversions

Conversions Part 1

Format	Color
Hex	BB67B9
RGB	187, 103, 185
RGB Percent	73%, 40%, 73%
CMY	0.2651, 0.5946, 0.2729
CMYK	0.00, 0.45, 0.01, 0.27
HSL	301°, 38%, 57%
HSV	301°, 45%, 73%
XYZ	34.2812, 23.9124, 48.9292
YIQ	137.4640, 23.7420, 43.3100

Conversions

Conversions Part 2

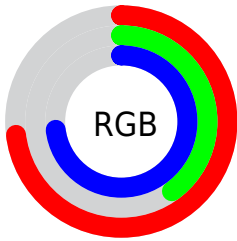
Format	Color
RYB	187, 103, 185
Decimal	12281785
CIELab	56.00, 45.57, -29.05
CIELCh	56, 54.041, 327.479
Yxy	23.9124, 0.3200, 0.2232
Android (android.graphics.Color)	4290471865 (0xFFBB67B9)
YUV	137.4640, 23.4352, 43.4431
Hunter-Lab	48.9003, 39.5605, -25.0948

Details

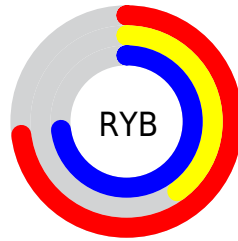
The CIELCh color $56, 54.041, 327.479$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $69, 54.231, 141.560$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 54.230, 327.697$, and $36, 54.383, 327.412$ is the 20% darker color. If you saturate the color by 10%, you get $52, 64.634, 327.942$, and if you desaturate by 10%, it is $60, 42.503, 326.973$.

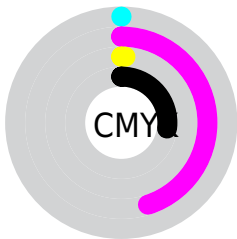
Distribution



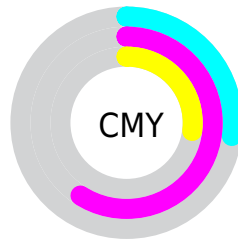
- Red (73%)
- Green (40%)
- Blue (73%)



- Red (73%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (1%)
- Black (27%)




- Cyan (27%)
- Magenta (59%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 54.041, 327.479 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 56, 54.041, 327.479 by changing the saturation by 10% instead.


 56, 54.041,
327.479

 56, 54.041,
327.479

 100, 54.041,
327.479


 46, 54.041,
327.479


 76, 54.041,
327.479

 36, 54.041,
327.479

 86, 54.041,
327.479

 26, 54.041,
327.479

 96, 54.041,
327.479

 16, 54.041,
327.479

 6, 54.041, 327.479

 0, 54.041, 327.479

56, 54.041,
327.479

56, 54.041,
327.479

52, 64.634,
327.942

60, 42.503,
326.973

49, 73.822,
328.346

64, 30.435,
326.438

47, 81.141,
328.681

69, 18.152,
325.885

46, 86.252,
328.940

74, 5.886, 325.306

45, 89.067,
329.127

79, 6.210, 144.847

44, 89.985,
329.206

84, 18.038,
144.293

89, 29.542,
143.780

94, 40.696,
143.294

■ 94, 41.512,
143.414

Harmonies

Complementary

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



56, 54.041, 327.479



69, 54.231, 141.560

Rectangle

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



56, 54.041, 327.479



56, 54.041, 17.479



56, 54.041, 147.479



56, 54.041, 197.479

Sweetspot

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



56, 54.039, 327.479



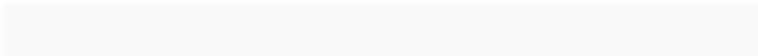
89, 19.748, 325.794



47, 49.572, 296.838



46, 13.826, 325.918



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



56, 54.039, 327.479



68, 79.061, 327.944



54, 39.376, 349.239



37, 6.955, 325.575



37, 79.367, 329.194



3, 20.994, 326.282

Inverse Universe

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



56, 54.039, 327.479



68, 79.061, 327.944



70, 37.231, 159.998



37, 6.955, 325.575



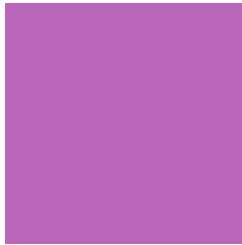
37, 79.367, 329.194



3, 20.994, 326.282

Previews

White Background



This preview shows how the CIELCh color 56, 54.041, 327.479 looks on a white background.

Color Contrast Check

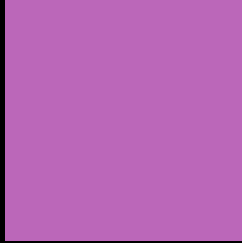
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 54.041, 327.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

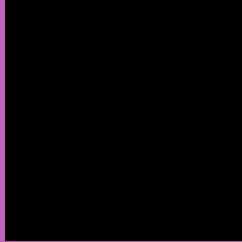
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 54.041, 327.479

Background



This preview shows how black text looks on a background with the CIELCh color 56, 54.041, 327.479.

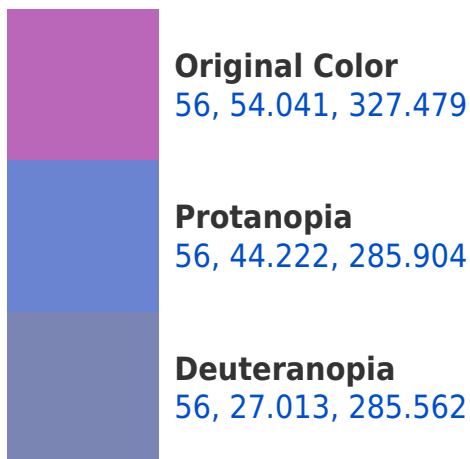


This preview shows how white text looks on a background with the CIELCh color 56, 54.041, 327.479.

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
56, 26.527, 11.638

Trichromacy



Original Color
56, 54.041, 327.479



Protanomaly
55, 45.085, 300.789



Deuteranomaly
55, 35.552, 307.372



Tritanomaly
56, 33.978, 347.022

Monochromacy



Original Color
56, 54.041, 327.479



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 20.848, 326.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 54.041, 327.479 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(187, 103, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 103, 185)  
}
```

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(187, 103, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 103, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 54.041, 327.479 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(187, 103, 185) }
```

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

```
.border{ border-color:rgb(187, 103, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 103, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 103, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 103, 185);  
box-shadow:4px 4px 4px 4px rgb(187, 103,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 54.041, 327.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 103, 185) }
```

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

```
.background{ background-color: rgb(187,  
103, 185) }
```

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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