

Converting Colors

CIELCh(55, 57.579, 327.045)

Have a look what the booklet for
CIELCh(55, 57.579, 327.045)
contains.

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Color

CIELCh(55, 57.884, 326.914)

Conversions

Conversions Part 1

Format	Color
Hex	BB62BB
RGB	187, 98, 187
RGB Percent	73%, 38%, 73%
CMY	0.2662, 0.6152, 0.2662
CMYK	0.00, 0.48, 0.00, 0.27
HSL	300°, 40%, 56%
HSV	300°, 48%, 73%
XYZ	33.8842, 22.9298, 49.7208
YIQ	134.7570, 24.4750, 46.5470

Conversions

Conversions Part 2

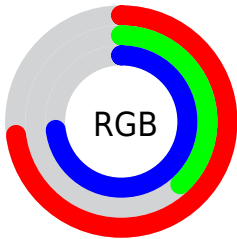
Format	Color
RYB	187, 98, 187
Decimal	12280507
CIELab	55.00, 48.50, -31.60
CIELCh	55, 57.884, 326.914
Yxy	22.9298, 0.3181, 0.2152
Android (android.graphics.Color)	4290470587 (0xFFBB62BB)
YUV	134.7570, 25.7558, 45.8171
Hunter-Lab	47.8851, 42.5103, -28.0433

Details

The CIELCh color $55, 57.884, 326.914$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $69, 58.129, 140.660$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 57.465, 327.097$, and $35, 57.901, 327.220$ is the 20% darker color. If you saturate the color by 10%, you get $52, 68.292, 327.335$, and if you desaturate by 10%, it is $59, 46.396, 326.438$.

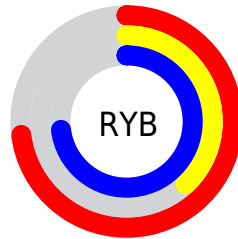
Distribution



Red (73%)

Green (38%)

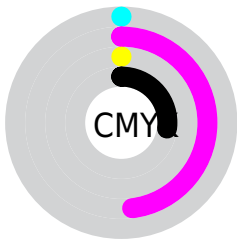
Blue (73%)



Red (73%)

Yellow (38%)

Blue (73%)

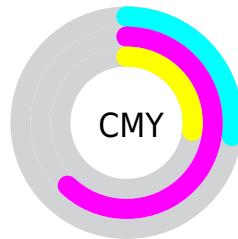


Cyan (0%)

Magenta (48%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (62%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 57.884, 326.914 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 55, 57.884, 326.914 by changing the saturation by 10% instead.


 55, 57.884,
326.914


 55, 57.884,
326.914


 100, 57.884,
326.914


 45, 57.884,
326.914


 75, 57.884,
326.914

 35, 57.884,
326.914

 85, 57.884,
326.914

 25, 57.884,
326.914

 95, 57.884,
326.914

 15, 57.884,
326.914

 5, 57.884, 326.914

 0, 57.884, 326.914

55, 57.884,
326.914

55, 57.884,
326.914

52, 68.292,
327.335

59, 46.396,
326.438

49, 77.154,
327.684

63, 34.265,
325.924

47, 84.032,
327.949

68, 21.834,
325.385

45, 88.651,
328.124

72, 9.361, 324.827

77, 2.976, 144.396


45, 91.108,
328.216

82, 15.064,
143.801

44, 91.580,
328.234

87, 26.835,
143.284

92, 38.254,
142.794

 94, 42.541,
142.613

Harmonies

Complementary

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



55, 57.884, 326.914



69, 58.129, 140.660

Rectangle

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



55, 57.884, 326.914



55, 57.884, 16.914



55, 57.884, 146.914



55, 57.884, 196.914

Sweetspot

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



55, 57.882, 326.914



87, 21.440, 325.201



46, 52.828, 296.912



46, 14.934, 325.321



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



55, 57.882, 326.914



66, 83.310, 327.348



53, 41.973, 348.606



37, 7.068, 324.930



37, 80.847, 328.234



3, 21.489, 325.462

Inverse Universe

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



55, 57.882, 326.914



66, 83.310, 327.348



70, 39.820, 158.766



37, 7.068, 324.930



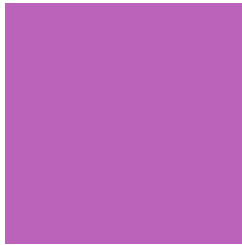
37, 80.847, 328.234



3, 21.489, 325.462

Previews

White Background



This preview shows how the CIELCh color 55, 57.884, 326.914 looks on a white background.

Color Contrast Check

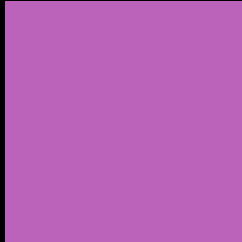
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 57.884, 326.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

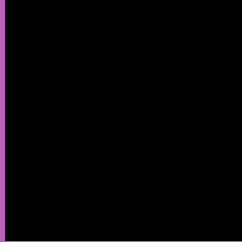
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 57.884, 326.914

Background



This preview shows how black text looks on a background with the CIELCh color 55, 57.884, 326.914.

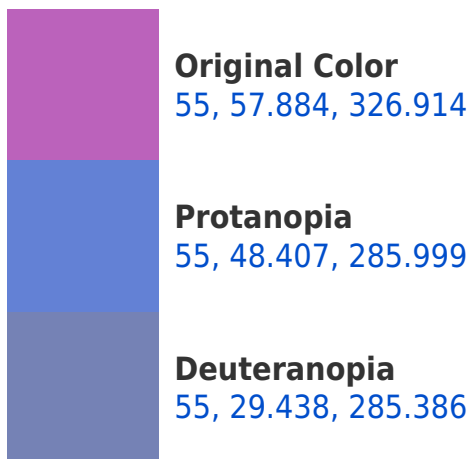


This preview shows how white text looks on a background with the CIELCh color 55, 57.884, 326.914.

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
55, 27.929, 12.432

Trichromacy



Original Color
55, 57.884, 326.914

Protanomaly
54, 49.774, 300.321

Deuteranomaly
54, 38.482, 306.534

Tritanomaly
55, 35.551, 346.874

Monochromacy



Original Color
55, 57.884, 326.914

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 22.049, 325.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 57.884, 326.914 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, 98, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 98, 187)  
}
```

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, 98, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 98, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 57.884, 326.914 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, 98, 187) }
```

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

```
.border{ border-color:rgb(187, 98, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 98, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 98, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 98, 187); box-shadow:4px 4px 4px 4px rgb(187, 98, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 57.884, 326.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 98, 187) }
```

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

```
.background{ background-color: rgb(187, 98,  
187) }
```

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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