

Converting Colors

CIELCh(56, 56.225, 329.180)

Have a look what the booklet for
CIELCh(56, 56.225, 329.180)
contains.

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Color

CIELCh(56, 55.963, 329.249)

Conversions

Conversions Part 1

Format	Color
Hex	C065B9
RGB	192, 101, 185
RGB Percent	75%, 40%, 73%
CMY	0.2482, 0.6050, 0.2756
CMYK	0.00, 0.47, 0.04, 0.25
HSL	305°, 42%, 57%
HSV	305°, 47%, 75%
XYZ	35.0167, 23.9124, 48.5102
YIQ	137.7850, 27.2720, 45.4160

Conversions

Conversions Part 2

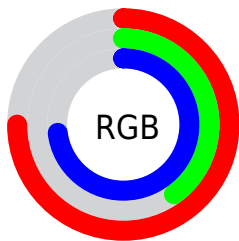
Format	Color
R_{YB}	192, 101, 185
Decimal	12608953
CIE _{Lab}	56.00, 48.09, -28.61
CIE _{LCh}	56, 55.963, 329.249
Yxy	23.9124, 0.3259, 0.2226
Android (android.graphics.Color)	4290799033 (0xFFC065B9)
YUV	137.7850, 23.2770, 47.5466
Hunter-Lab	48.9003, 42.2453, -24.5868

Details

The CIELCh color $56, 55.963, 329.249$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $70, 56.226, 142.688$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 55.661, 329.336$, and $36, 56.303, 328.975$ is the 20% darker color. If you saturate the color by 10%, you get $52, 66.054, 329.768$, and if you desaturate by 10%, it is $60, 44.815, 328.702$.

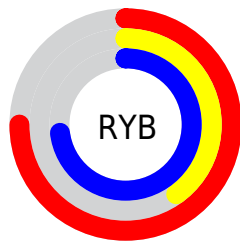
Distribution



Red (75%)

Green (40%)

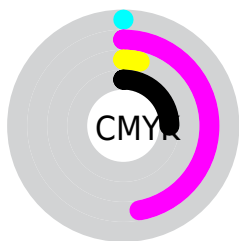
Blue (73%)



Red (75%)

Yellow (40%)

Blue (73%)

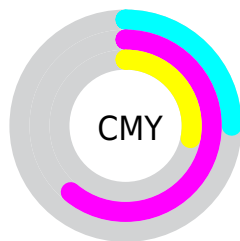


Cyan (0%)

Magenta (47%)

Yellow (4%)

Black (25%)



Cyan (25%)


Magenta (61%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 55.963, 329.249 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, 55.963, 329.249 by changing the saturation by 10% instead.


 56, 55.963,
329.249


 56, 55.963,
329.249


 100, 55.963,
329.249


 46, 55.963,
329.249


 76, 55.963,
329.249

 36, 55.963,
329.249

 86, 55.963,
329.249

 26, 55.963,
329.249

 96, 55.963,
329.249

 16, 55.963,
329.249

 6, 55.963, 329.249

 0, 55.963, 329.249

56, 55.963,
329.249

56, 55.963,
329.249

52, 66.054,
329.768

60, 44.815,
328.702

50, 74.608,
330.249

64, 33.048,
328.135

47, 81.162,
330.688

69, 21.003,
327.559

46, 85.410,
331.089

74, 8.927, 326.972

79, 3.009, 146.531

45, 87.414,
331.463

84, 14.699,
145.916

45, 87.779,
331.557

89, 26.083,
145.386

94, 37.129,
144.884

■ 95, 37.062,
145.506

Harmonies

Complementary

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



56, 55.963, 329.249



70, 56.226, 142.688

Rectangle

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



56, 55.963, 329.249



56, 55.963, 19.249



56, 55.963, 149.249



56, 55.963, 199.249

Sweetspot

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



56, 55.961, 329.249



90, 20.867, 327.371



47, 53.733, 298.669



46, 14.415, 327.498



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



56, 55.961, 329.249



67, 81.151, 329.791



54, 41.329, 352.819



38, 6.856, 327.087



37, 77.069, 331.510



4, 22.546, 329.047

Inverse Universe

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



56, 55.961, 329.249



67, 81.151, 329.791



71, 38.282, 162.396



38, 6.856, 327.087



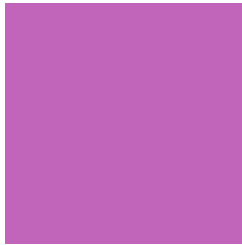
37, 77.069, 331.510



4, 22.546, 329.047

Previews

White Background



This preview shows how the CIELCh color 56, 55.963, 329.249 looks on a white background.

Color Contrast Check

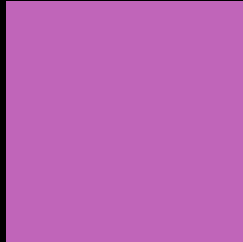
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.963, 329.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

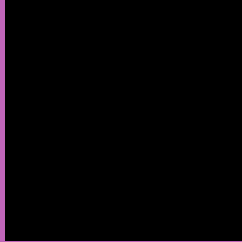
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 55.963, 329.249

Background



This preview shows how black text looks on a background with the CIELCh color 56, 55.963, 329.249.

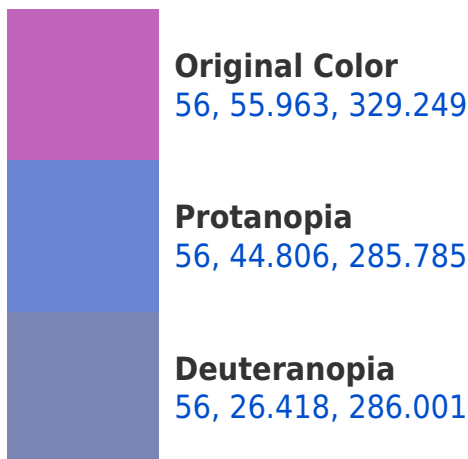


This preview shows how white text looks on a background with the CIELCh color 56, 55.963, 329.249.

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, 29.092, 14.108

Trichromacy



Original Color
56, 55.963, 329.249

Protanomaly
55, 46.307, 301.521

Deuteranomaly
55, 35.820, 309.034

Tritanomaly
56, 35.639, 350.509

Monochromacy



Original Color
56, 55.963, 329.249

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 21.962, 328.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 55.963, 329.249 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(192, 101, 185)` looks like.

```
.text, #text, p{  
    color:rgb(192, 101, 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(192, 101, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 101, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 55.963, 329.249 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(192, 101, 185) }
```

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

```
.border{ border-color:rgb(192, 101, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 101, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 101, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 101, 185);  
box-shadow:4px 4px 4px 4px rgb(192, 101,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 55.963, 329.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 101, 185) }
```

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

```
.background{ background-color: rgb(192,  
101, 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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