

Converting Colors

CIELCh(55, 30.320, 356.875)

Have a look what the booklet for
CIELCh(55, 30.320, 356.875)
contains.

CIELCh(55, 30.064, 357.683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 30.064, 357.683)

Conversions

Conversions Part 1

Format	Color
Hex	B47087
RGB	180, 112, 135
RGB Percent	71%, 44%, 53%
CMY	0.2954, 0.5619, 0.4717
CMYK	0.00, 0.38, 0.25, 0.30
HSL	340°, 31%, 57%
HSV	340°, 38%, 70%
XYZ	28.8624, 22.9298, 25.7178
YIQ	134.9540, 33.1450, 21.5690

Conversions

Conversions Part 2

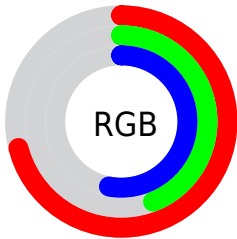
Format	Color
R_{YB}	180, 112, 135
Decimal	11825287
CIE _{Lab}	55.00, 30.04, -1.22
CIE _{LCh}	55, 30.064, 357.683
Yxy	22.9298, 0.3724, 0.2958
Android (android.graphics.Color)	4290015367 (0xFFB47087)
YUV	134.9540, 0.0227, 39.5053
Hunter-Lab	47.8851, 23.7907, 1.6765

Details

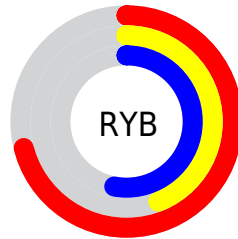
The CIELCh color **55, 30.064, 357.683** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 27.305, 169.529**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 29.825, 357.993**, and **35, 30.090, 357.662** is the 20% darker color. If you saturate the color by 10%, you get **51, 38.088, 359.369**, and if you desaturate by 10%, it is **60, 21.907, 356.281**.

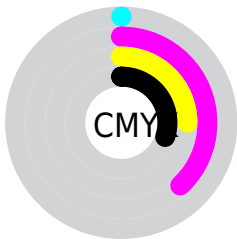
Distribution



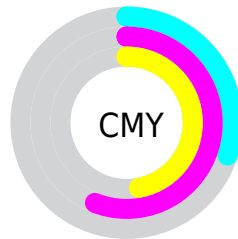
- Red (71%)
- Green (44%)
- Blue (53%)



- Red (71%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)
- Black (30%)





- Cyan (30%)
- Magenta (56%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 30.064, 357.683 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, 30.064, 357.683 by changing the saturation by 10% instead.


 55, 30.064,
357.683


 55, 30.064,
357.683


 100, 30.064,
357.683


 45, 30.064,
357.683


 75, 30.064,
357.683

 35, 30.064,
357.683

 85, 30.064,
357.683

 25, 30.064,
357.683

 95, 30.064,
357.683

 15, 30.064,
357.683

 5, 30.064, 357.683

 0, 30.064, 357.683

55, 30.064,
357.683

55, 30.064,
357.683

51, 38.088,
359.369

60, 21.907,
356.281

47, 45.688, 1.436

64, 13.832,
355.080

44, 52.497, 4.020

69, 5.967, 354.009

41, 58.156, 7.289

74, 1.617, 173.441

39, 62.456, 11.407

79, 8.891, 172.418

38, 65.602, 16.371

85, 15.849,
171.671

38, 66.298, 17.454

90, 22.504,
171.005

95, 28.629,
170.681

■ 95, 25.810,
182.375

Harmonies

Complementary

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



55, 30.064, 357.683



68, 27.305, 169.529

Rectangle

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



55, 30.064, 357.683



55, 30.064, 47.683



55, 30.064, 177.683



55, 30.064, 227.683

Sweetspot

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



55, 30.062, 357.685



86, 10.480, 354.362



54, 42.039, 315.749



45, 7.053, 354.502



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



55, 30.062, 357.685



67, 44.524, 358.997



57, 25.860, 34.736



35, 4.306, 354.166



32, 58.714, 16.677



2, 9.838, 358.698

Inverse Universe

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



55, 30.062, 357.685



67, 44.524, 358.997



66, 19.655, 214.776



35, 4.306, 354.166



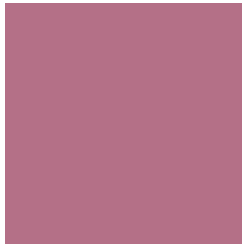
32, 58.714, 16.677



2, 9.838, 358.698

Previews

White Background



This preview shows how the CIELCh color 55, 30.064, 357.683 looks on a white background.

Color Contrast Check

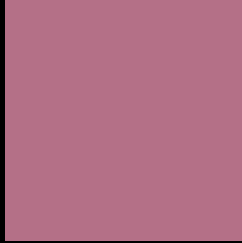
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.064, 357.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

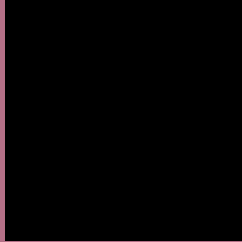
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 30.064, 357.683

Background



This preview shows how black text looks on a background with the CIELCh color 55, 30.064, 357.683.



This preview shows how white text looks on a background with the CIELCh color 55, 30.064, 357.683.

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
55, 30.064, 357.683

Protanopia
55, 8.622, 288.718

Deuteranopia
55, 7.198, 1.643



Tritanopia
55, 27.044, 13.151

Trichromacy



Original Color
55, 30.064, 357.683

Protanomaly
55, 13.990, 333.362

Deuteranomaly
55, 15.800, 357.876

Tritanomaly
55, 28.153, 6.685

Monochromacy



Original Color
55, 30.064, 357.683

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.636, 355.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 30.064, 357.683 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(180, 112, 135)` looks like.

```
.text, #text, p{  
    color:rgb(180, 112, 135)  
}
```

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(180, 112, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 112, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 30.064, 357.683 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(180, 112, 135) }
```

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

```
.border{ border-color:rgb(180, 112, 135) }
```

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

Here you see how a box with a 4 pixel rgb(180, 112, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 112, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 112, 135);  
box-shadow:4px 4px 4px 4px rgb(180, 112,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 30.064, 357.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 112, 135) }
```

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

```
.background{ background-color: rgb(180,  
112, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor