

Converting Colors

CIELCh(55, 37.434, 356.210)

Have a look what the booklet for
CIELCh(55, 37.434, 356.210)
contains.

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Color

CIELCh(55, 37.267, 356.606)

Conversions

Conversions Part 1

Format	Color
Hex	BE6A89
RGB	190, 106, 137
RGB Percent	75%, 42%, 54%
CMY	0.2564, 0.5857, 0.4641
CMYK	0.00, 0.44, 0.28, 0.26
HSL	338°, 39%, 58%
HSV	338°, 44%, 74%
XYZ	30.7473, 22.9298, 26.3411
YIQ	134.6500, 40.1130, 27.4490

Conversions

Conversions Part 2

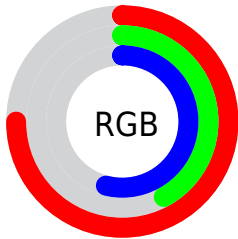
Format	Color
R_{YB}	190, 106, 137
Decimal	12479113
CIE _{Lab}	55.00, 37.20, -2.21
CIE _{LCh}	55, 37.267, 356.606
Yxy	22.9298, 0.3843, 0.2866
Android (android.graphics.Color)	4290669193 (0xFFBE6A89)
YUV	134.6500, 1.1586, 48.5420
Hunter-Lab	47.8851, 30.8170, 0.9048

Details

The CIELCh color $55, 37.267, 356.606$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $71, 33.766, 166.698$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 37.174, 356.812$, and $35, 36.873, 356.924$ is the 20% darker color. If you saturate the color by 10%, you get $51, 45.381, 358.460$, and if you desaturate by 10%, it is $60, 28.766, 355.079$.

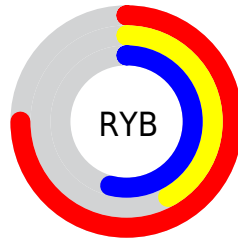
Distribution



Red (75%)

Green (42%)

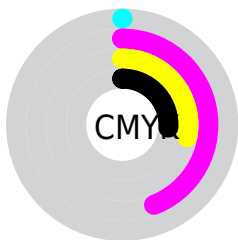
Blue (54%)



Red (75%)

Yellow (42%)

Blue (54%)

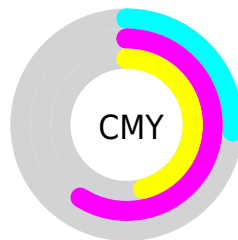


Cyan (0%)

Magenta (44%)

Yellow (28%)

Black (26%)



Cyan (26%)


Magenta (59%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 37.267, 356.606 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, 37.267, 356.606 by changing the saturation by 10% instead.


 55, 37.267,
356.606


 55, 37.267,
356.606


 100, 37.267,
356.606


 45, 37.267,
356.606


 75, 37.267,
356.606

 35, 37.267,
356.606

 85, 37.267,
356.606

 25, 37.267,
356.606

 95, 37.267,
356.606

 15, 37.267,
356.606

 5, 37.267, 356.606

 0, 37.267, 356.606

55, 37.267,
356.606

55, 37.267,
356.606

51, 45.381,
358.460

60, 28.766,
355.079

47, 52.737, 0.755

64, 20.178,
353.786

44, 58.924, 3.648

69, 11.699,
352.663

42, 63.632, 7.314

41, 66.835, 11.892

75, 3.448, 351.605

40, 68.370, 14.755

80, 4.510, 170.967

85, 12.150,
170.134

91, 19.471,
169.421

95, 25.215,
170.311

■ 96, 22.475,
183.802

Harmonies

Complementary

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



55, 37.267, 356.606



71, 33.766, 166.698

Rectangle

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



55, 37.267, 356.606



55, 37.267, 46.606



55, 37.267, 176.606



55, 37.267, 226.606

Sweetspot

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



55, 37.264, 356.608



89, 13.195, 352.551



53, 51.234, 314.972



46, 9.342, 352.788



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



55, 37.264, 356.608



66, 55.017, 358.376



56, 33.265, 32.424



37, 4.588, 352.150



33, 59.630, 13.933



3, 13.135, 359.028

Inverse Universe

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



55, 37.264, 356.608



66, 55.017, 358.376



69, 23.852, 210.794



37, 4.588, 352.150



33, 59.630, 13.933



3, 13.135, 359.028

Previews

White Background



This preview shows how the CIELCh color 55, 37.267, 356.606 looks on a white background.

Color Contrast Check

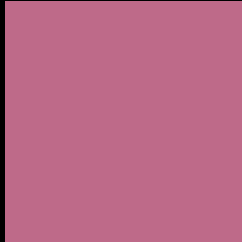
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 37.267, 356.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

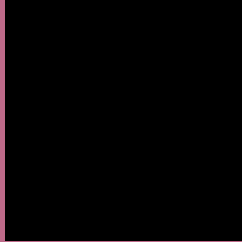
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 37.267, 356.606

Background



This preview shows how black text looks on a background with the CIELCh color 55, 37.267, 356.606.



This preview shows how white text looks on a background with the CIELCh color 55, 37.267, 356.606.

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, 37.267, 356.606

Protanopia
55, 12.093, 286.392

Deuteranopia
55, 7.015, 356.080



Tritanopia
55, 33.563, 16.020

Trichromacy



Original Color
55, 37.267, 356.606

Protanomaly
55, 17.572, 329.690

Deuteranomaly
55, 18.297, 355.741

Tritanomaly
55, 34.451, 8.861

Monochromacy



Original Color
55, 37.267, 356.606

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 13.554, 353.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 37.267, 356.606 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(190, 106, 137)` looks like.

```
.text, #text, p{  
    color:rgb(190, 106, 137)  
}
```

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(190, 106, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 106, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 37.267, 356.606 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(190, 106, 137) }
```

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

```
.border{ border-color:rgb(190, 106, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 106, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 106, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 106, 137);  
box-shadow:4px 4px 4px 4px rgb(190, 106,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 37.267, 356.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 106, 137) }
```

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

```
.background{ background-color: rgb(190,  
106, 137) }
```

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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