

Converting Colors

CIELCh(53, 35.069, 3.811)

Have a look what the booklet for
CIELCh(53, 35.069, 3.811) contains.

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Color

CIELCh(53, 35.120, 3.563)

Conversions

Conversions Part 1

Format	Color
Hex	B7667C
RGB	183, 102, 124
RGB Percent	72%, 40%, 49%
CMY	0.2821, 0.5998, 0.5135
CMYK	0.00, 0.44, 0.32, 0.28
HSL	344°, 36%, 56%
HSV	344°, 44%, 72%
XYZ	27.9428, 21.0462, 21.6775
YIQ	128.7270, 41.2140, 24.0140

Conversions

Conversions Part 2

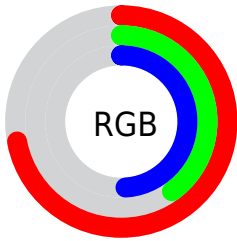
Format	Color
R_{YB}	183, 102, 124
Decimal	12019324
CIE _{Lab}	53.00, 35.05, 2.18
CIE _{LCh}	53, 35.120, 3.563
Yxy	21.0462, 0.3954, 0.2978
Android (android.graphics.Color)	4290209404 (0xFFB7667C)
YUV	128.7270, -2.3304, 47.5974
Hunter-Lab	45.8761, 28.4398, 4.0975

Details

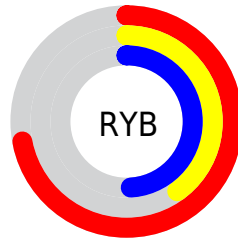
The CIELCh color **53, 35.120, 3.563** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **69, 30.321, 173.416**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 34.903, 4.214**, and **33, 35.315, 4.073** is the 20% darker color. If you saturate the color by 10%, you get **49, 43.119, 5.629**, and if you desaturate by 10%, it is **57, 26.915, 1.889**.

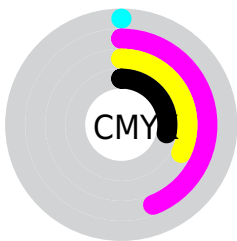
Distribution



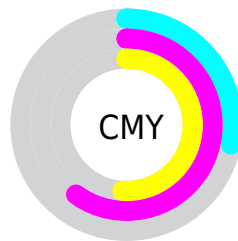
- Red (72%)
- Green (40%)
- Blue (49%)



- Red (72%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (32%)
- Black (28%)



- Cyan (28%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 35.120, 3.563 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 53, 35.120, 3.563 by changing the saturation by 10% instead.

 53, 35.120, 3.563  53, 35.120, 3.563

 100, 35.120, 3.563  43, 35.120, 3.563

 73, 35.120, 3.563  33, 35.120, 3.563

 83, 35.120, 3.563  23, 35.120, 3.563


 93, 35.120, 3.563  13, 35.120, 3.563

 3, 35.120, 3.563

 0, 35.120, 3.563

 53, 35.120, 3.563  53, 35.120, 3.563

 49, 43.119, 5.629  57, 26.915, 1.889

 45, 50.595, 8.215  62, 18.757, 0.499

42, 57.196, 11.486

67, 10.806,
359.313

40, 62.671, 15.592

72, 3.153, 358.207

39, 67.019, 20.584

77, 4.160, 177.585

38, 69.353, 23.593

83, 11.125,
176.742

88, 17.751,
176.034

93, 24.060,
175.402

95, 24.414,
184.532

Harmonies

Complementary

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



53, 35.120, 3.563



69, 30.321, 173.416

Rectangle

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



53, 35.120, 3.563



53, 35.120, 53.563



53, 35.120, 183.563



53, 35.120, 233.563

Sweetspot

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



53, 35.117, 3.565



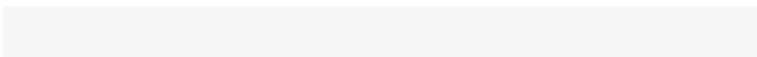
86, 12.142, 359.199



52, 50.480, 318.112



45, 8.605, 359.444



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



53, 35.117, 3.565



63, 51.997, 5.544



56, 30.226, 41.107



36, 4.262, 358.780



32, 61.195, 22.801



2, 11.112, 3.360

Inverse Universe

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



53, 35.117, 3.565



63, 51.997, 5.544



64, 21.986, 224.544



36, 4.262, 358.780



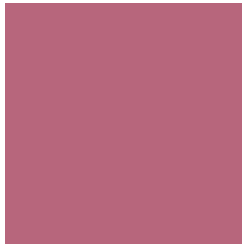
32, 61.195, 22.801



2, 11.112, 3.360

Previews

White Background



This preview shows how the CIELCh color 53, 35.120, 3.563 looks on a white background.

Color Contrast Check

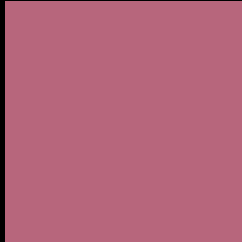
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 35.120, 3.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

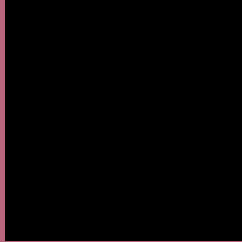
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 35.120, 3.563

Background



This preview shows how black text looks on a background with the CIELCh color 53, 35.120, 3.563.



This preview shows how white text looks on a background with the CIELCh color 53, 35.120, 3.563.

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

53, 35.120, 3.563

Protanopia

53, 6.946, 291.043

Deuteranopia

53, 7.913, 28.527



Tritanopia
53, 33.391, 16.057

Trichromacy



Original Color
53, 35.120, 3.563

Protanomaly
53, 15.116, 343.567

Deuteranomaly
53, 17.819, 8.584

Tritanomaly
53, 33.790, 11.446

Monochromacy



Original Color
53, 35.120, 3.563

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 13.032, 0.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 35.120, 3.563 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(183, 102, 124)` looks like.

```
.text, #text, p{  
    color:rgb(183, 102, 124)  
}
```

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(183, 102, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 102, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 35.120, 3.563 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(183, 102, 124) }
```

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

```
.border{ border-color:rgb(183, 102, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 102, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 102, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 102, 124);  
box-shadow:4px 4px 4px 4px rgb(183, 102,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 35.120, 3.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 102, 124) }
```

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

```
.background{ background-color: rgb(183,  
102, 124) }
```

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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