

Converting Colors

CIELCh(53, 30.428, 14.131)

Have a look what the booklet for
CIELCh(53, 30.428, 14.131) contains.

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Color

CIELCh(53, 30.742, 13.904)

Conversions

Conversions Part 1

Format	Color
Hex	B26A73
RGB	178, 106, 115
RGB Percent	70%, 42%, 45%
CMY	0.3015, 0.5839, 0.5486
CMYK	0.00, 0.40, 0.35, 0.30
HSL	353°, 32%, 56%
HSV	353°, 40%, 70%
XYZ	26.6494, 21.0462, 18.9064
YIQ	128.5540, 40.0230, 18.0630

Conversions

Conversions Part 2

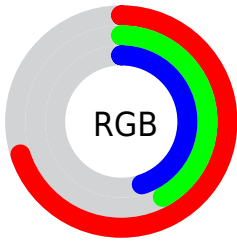
Format	Color
R_{YB}	178, 106, 115
Decimal	11692659
CIE _{Lab}	53.00, 29.84, 7.39
CIE _{LCh}	53, 30.742, 13.904
Yxy	21.0462, 0.4001, 0.3160
Android (android.graphics.Color)	4289882739 (0xFFB26A73)
YUV	128.5540, -6.6821, 43.3641
Hunter-Lab	45.8761, 23.4073, 7.6787

Details

The CIELCh color **53, 30.742, 13.904** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 24.844, 185.789**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 31.079, 13.531**, and **33, 30.694, 14.216** is the 20% darker color. If you saturate the color by 10%, you get **49, 39.067, 15.889**, and if you desaturate by 10%, it is **58, 22.579, 12.328**.

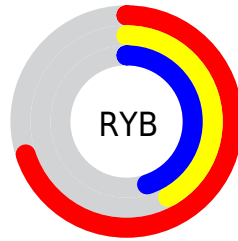
Distribution



Red (70%)

Green (42%)

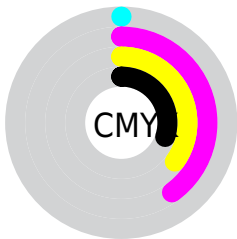
Blue (45%)



Red (70%)

Yellow (42%)

Blue (45%)

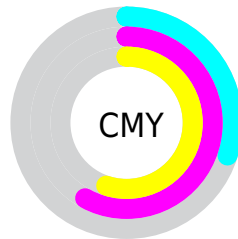


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (30%)



Cyan (30%)

Magenta (58%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 30.742, 13.904 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, 30.742, 13.904 by changing the saturation by 10% instead.

 53, 30.742, 13.904

 53, 30.742, 13.904

 100, 30.742,
13.904

 43, 30.742, 13.904

 73, 30.742, 13.904

 33, 30.742, 13.904

 83, 30.742, 13.904

 23, 30.742, 13.904

 93, 30.742, 13.904

 13, 30.742, 13.904

 3, 30.742, 13.904

 0, 30.742, 13.904

 53, 30.742, 13.904

 53, 30.742, 13.904

 49, 39.067, 15.889

 58, 22.579, 12.328

 45, 47.329, 18.401

 62, 14.737, 11.048

42, 55.245, 21.573

67, 7.299, 9.975

39, 62.545, 25.486

72, 0.293, 7.515

38, 69.036, 30.039

78, 6.284, 188.517

37, 74.485, 34.349

83, 12.455,
187.847

88, 18.254,
187.285

93, 23.716,
186.794

95, 24.520,
197.905

Harmonies

Complementary

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



53, 30.742, 13.904



68, 24.844, 185.789

Rectangle

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



53, 30.742, 13.904



53, 30.742, 63.904



53, 30.742, 193.904



53, 30.742, 243.904

Sweetspot

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



53, 30.740, 13.907



84, 10.471, 10.156



54, 46.445, 322.598



44, 7.029, 10.288



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



53, 30.740, 13.907



63, 47.026, 15.761



59, 25.300, 56.387



35, 3.957, 9.863



31, 66.146, 33.730



2, 9.263, 11.434

Inverse Universe

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



53, 30.740, 13.907



63, 47.026, 15.761



60, 20.473, 245.533



35, 3.957, 9.863



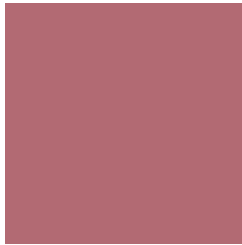
31, 66.146, 33.730



2, 9.263, 11.434

Previews

White Background



This preview shows how the CIELCh color 53, 30.742, 13.904 looks on a white background.

Color Contrast Check

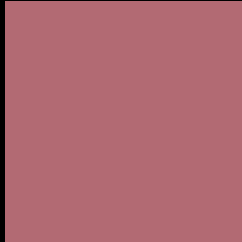
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.742, 13.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

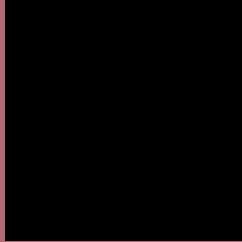
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 30.742, 13.904

Background



This preview shows how black text looks on a background with the CIELCh color 53, 30.742, 13.904.

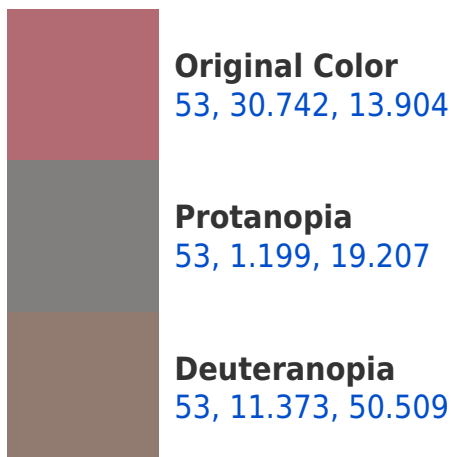


This preview shows how white text looks on a background with the CIELCh color 53, 30.742, 13.904.

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
53, 30.757, 14.962

Trichromacy



Original Color
53, 30.742, 13.904

Protanomaly
53, 11.663, 12.247

Deuteranomaly
53, 17.583, 26.944

Tritanomaly
53, 30.757, 14.962

Monochromacy



Original Color
53, 30.742, 13.904

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 10.797, 11.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 30.742, 13.904 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(178, 106, 115)` looks like.

```
.text, #text, p{  
    color:rgb(178, 106, 115)  
}
```

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(178, 106, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 106, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 30.742, 13.904 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(178, 106, 115) }
```

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

```
.border{ border-color:rgb(178, 106, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 106, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 106, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 106, 115);  
box-shadow:4px 4px 4px 4px rgb(178, 106,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 30.742, 13.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 106, 115) }
```

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

```
.background{ background-color: rgb(178,  
106, 115) }
```

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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