

Converting Colors

CIELCh(55, 28.760, 354.903)

Have a look what the booklet for
CIELCh(55, 28.760, 354.903)
contains.

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Color

CIELCh(55, 28.793, 354.930)

Conversions

Conversions Part 1

Format	Color
Hex	B17189
RGB	177, 113, 137
RGB Percent	69%, 44%, 54%
CMY	0.3063, 0.5572, 0.4631
CMYK	0.00, 0.36, 0.23, 0.31
HSL	338°, 29%, 57%
HSV	338°, 36%, 69%
XYZ	28.5137, 22.9298, 26.5562
YIQ	134.8720, 30.4400, 21.0320

Conversions

Conversions Part 2

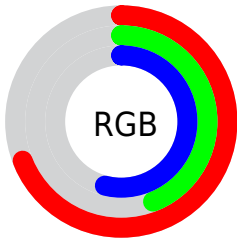
Format	Color
R_{YB}	177, 113, 137
Decimal	11628937
CIE _{Lab}	55.00, 28.68, -2.54
CIE _{LCh}	55, 28.793, 354.930
Yxy	22.9298, 0.3656, 0.2940
Android (android.graphics.Color)	4289819017 (0xFFB17189)
YUV	134.8720, 1.0491, 36.9463
Hunter-Lab	47.8851, 22.4907, 0.6385

Details

The CIELCh color $55, 28.793, 354.930$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $67, 26.611, 167.362$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 28.600, 355.514$, and $35, 28.560, 355.523$ is the 20% darker color. If you saturate the color by 10%, you get $51, 36.790, 356.489$, and if you desaturate by 10%, it is $60, 20.659, 353.618$.

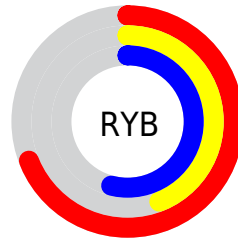
Distribution



Red (69%)

Green (44%)

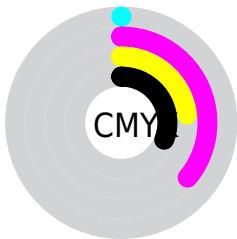
Blue (54%)



Red (69%)

Yellow (44%)

Blue (54%)

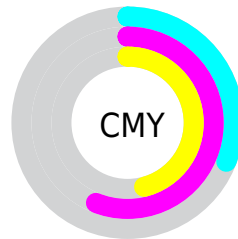


Cyan (0%)

Magenta (36%)

Yellow (23%)

Black (31%)



Cyan (31%)


Magenta (56%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 28.793, 354.930 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, 28.793, 354.930 by changing the saturation by 10% instead.


 55, 28.793,
354.930


 55, 28.793,
354.930


 100, 28.793,
354.930


 45, 28.793,
354.930


 75, 28.793,
354.930

 35, 28.793,
354.930

 85, 28.793,
354.930

 25, 28.793,
354.930

 95, 28.793,
354.930

 15, 28.793,
354.930

 5, 28.793, 354.930

 0, 28.793, 354.930

55, 28.793,
354.930

55, 28.793,
354.930

51, 36.790,
356.489

60, 20.659,
353.618

47, 44.367,
358.379

64, 12.597,
352.481

44, 51.156, 0.724

69, 4.731, 351.444

41, 56.775, 3.680

74, 2.872, 170.802

39, 60.961, 7.421

79, 10.180,
169.916

38, 63.769, 12.052

84, 17.189,
169.191

37, 64.781, 13.899

89, 23.906,
168.538

94, 30.350,
167.941

■ 95, 27.705,
177.423

Harmonies

Complementary

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



55, 28.793, 354.930



67, 26.611, 167.362

Rectangle

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



55, 28.793, 354.930



55, 28.793, 44.930



55, 28.793, 174.930



55, 28.793, 224.930

Sweetspot

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



55, 28.791, 354.932



84, 10.506, 351.961



54, 39.440, 314.610



44, 7.067, 352.096



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



55, 28.791, 354.932



66, 42.362, 356.083



56, 24.855, 31.706



35, 4.396, 351.770



32, 58.108, 13.218



2, 9.982, 356.683

Inverse Universe

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



55, 28.791, 354.932



66, 42.362, 356.083



66, 19.146, 210.498



35, 4.396, 351.770



32, 58.108, 13.218



2, 9.982, 356.683

Previews

White Background



This preview shows how the CIELCh color 55, 28.793, 354.930 looks on a white background.

Color Contrast Check

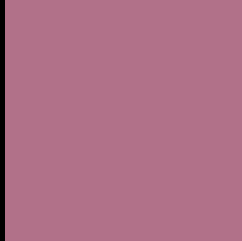
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.793, 354.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

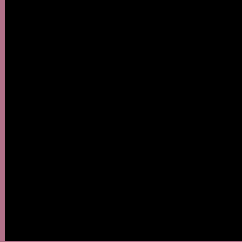
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 28.793, 354.930

Background



This preview shows how black text looks on a background with the CIELCh color 55, 28.793, 354.930.



This preview shows how white text looks on a background with the CIELCh color 55, 28.793, 354.930.

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, 28.793, 354.930

Protanopia
55, 9.769, 289.160

Deuteranopia
55, 7.257, 351.933



Tritanopia
55, 25.776, 11.218

Trichromacy



Original Color
55, 28.793, 354.930

Protanomaly
55, 14.597, 329.100

Deuteranomaly
55, 14.886, 353.747

Tritanomaly
55, 26.627, 4.194

Monochromacy



Original Color
55, 28.793, 354.930

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.520, 351.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 28.793, 354.930 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(177, 113, 137)` looks like.

```
.text, #text, p{  
    color:rgb(177, 113, 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(177, 113, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 113, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 28.793, 354.930 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(177, 113, 137) }
```

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

```
.border{ border-color:rgb(177, 113, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 113, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 113, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 113, 137);  
box-shadow:4px 4px 4px 4px rgb(177, 113,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 28.793, 354.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 113, 137) }
```

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

```
.background{ background-color: rgb(177,  
113, 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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