

Converting Colors

CIELCh(54, 22.340, 355.349)

Have a look what the booklet for
CIELCh(54, 22.340, 355.349)
contains.

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Color

CIELCh(54, 22.532, 355.112)

Conversions

Conversions Part 1

Format	Color
Hex	A57385
RGB	165, 115, 133
RGB Percent	65%, 45%, 52%
CMY	0.3527, 0.5488, 0.4782
CMYK	0.00, 0.30, 0.19, 0.35
HSL	338°, 22%, 55%
HSV	338°, 30%, 65%
XYZ	25.9038, 21.9746, 25.0867
YIQ	132.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

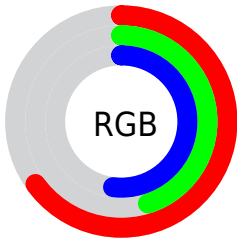
Format	Color
R_{YB}	165, 115, 133
Decimal	10843013
CIE Lab	54.00, 22.45, -1.92
CIE LCh	54, 22.532, 355.112
Yxy	21.9746, 0.3550, 0.3012
Android (android.graphics.Color)	4289033093 (0xFFA57385)
YUV	132.0020, 0.4920, 28.9392
Hunter-Lab	46.8770, 16.6027, 1.0843

Details

The CIELCh color $54, 22.532, 355.112$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $64, 21.014, 169.013$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 22.816, 354.982$, and $34, 22.679, 354.311$ is the 20% darker color. If you saturate the color by 10%, you get $50, 30.166, 356.532$, and if you desaturate by 10%, it is $58, 14.909, 353.903$.

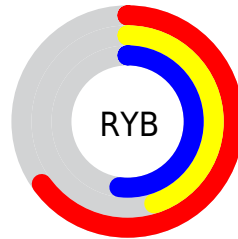
Distribution



Red (65%)

Green (45%)

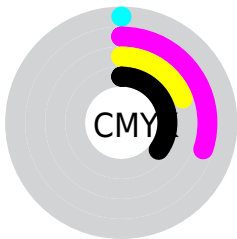
Blue (52%)



Red (65%)

Yellow (45%)

Blue (52%)

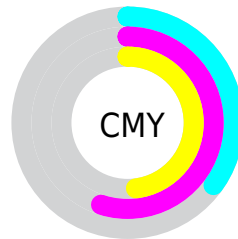


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (35%)



Cyan (35%)

Magenta (55%)


Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 22.532, 355.112 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 54, 22.532, 355.112 by changing the saturation by 10% instead.


 54, 22.532,
355.112

 54, 22.532,
355.112


 100, 22.532,
355.112

 44, 22.532,
355.112


 74, 22.532,
355.112

 34, 22.532,
355.112

 84, 22.532,
355.112

 24, 22.532,
355.112

 94, 22.532,
355.112

 14, 22.532,
355.112

 4, 22.532, 355.112

 0, 22.532, 355.112

54, 22.532,
355.112

54, 22.532,
355.112

50, 30.166,
356.532

58, 14.909,
353.903

46, 37.600,
358.232

63, 7.443, 352.835

42, 44.536, 0.316

68, 0.213, 350.108

40, 50.619, 2.922

72, 6.743, 171.211

37, 55.526, 6.215

77, 13.413,
170.444

36, 59.099, 10.356

82, 19.801,
169.765

35, 61.740, 15.017

87, 25.922,
169.148

92, 31.795,
168.583

■ 94, 32.950,
172.450

Harmonies

Complementary

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



54, 22.532, 355.112



64, 21.014, 169.013

Rectangle

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



54, 22.532, 355.112



54, 22.532, 45.112



54, 22.532, 175.112



54, 22.532, 225.112

Sweetspot

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



54, 22.530, 355.114



81, 8.030, 352.719



53, 31.189, 314.876



42, 5.583, 352.861



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 22.530, 355.114



66, 33.267, 355.989



55, 18.953, 32.805



32, 4.046, 352.728



30, 56.137, 14.378



1, 6.078, 354.176

Inverse Universe

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



54, 22.530, 355.114



66, 33.267, 355.989



62, 15.339, 212.361



32, 4.046, 352.728



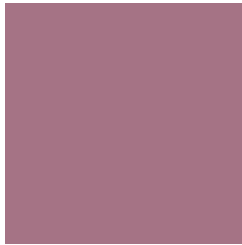
30, 56.137, 14.378



1, 6.078, 354.176

Previews

White Background



This preview shows how the CIELCh color 54, 22.532, 355.112 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 54, 22.532, 355.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

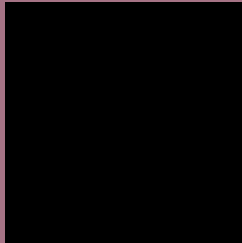
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 22.532, 355.112

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.532, 355.112.



This preview shows how white text looks on a background with the CIELCh color 54, 22.532, 355.112.

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


54, 22.532, 355.112

Protanopia

54, 6.921, 287.874

Deuteranopia

54, 7.287, 351.955



Tritanopia
54, 20.404, 7.356

Trichromacy



Original Color
54, 22.532, 355.112

Protanomaly
54, 10.507, 330.412

Deuteranomaly
54, 13.251, 352.518

Tritanomaly
54, 20.725, 2.699

Monochromacy



Original Color
54, 22.532, 355.112

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 7.998, 354.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.532, 355.112 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(165, 115, 133)` looks like.

```
.text, #text, p{  
    color:rgb(165, 115, 133)  
}
```

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(165, 115, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 115, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.532, 355.112 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(165, 115, 133) }
```

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

```
.border{ border-color:rgb(165, 115, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 115, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 115, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 115, 133);  
box-shadow:4px 4px 4px 4px rgb(165, 115,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.532, 355.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 115, 133) }
```

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

```
.background{ background-color: rgb(165,  
115, 133) }
```

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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