

Converting Colors

CIELCh(54, 20.867, 3.279)

Have a look what the booklet for
CIELCh(54, 20.867, 3.279) contains.

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Color

CIELCh(54, 20.725, 2.699)

Conversions

Conversions Part 1

Format	Color
Hex	A47480
RGB	164, 116, 128
RGB Percent	64%, 45%, 50%
CMY	0.3565, 0.5447, 0.4977
CMYK	0.00, 0.29, 0.22, 0.36
HSL	345°, 21%, 55%
HSV	345°, 29%, 64%
XYZ	25.4870, 21.9746, 23.3508
YIQ	131.7200, 24.7560, 13.9080

Conversions

Conversions Part 2

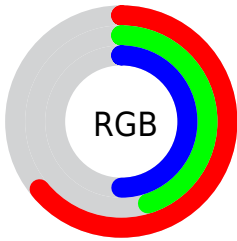
Format	Color
RYB	164, 116, 128
Decimal	10777728
CIELab	54.00, 20.70, 0.98
CIElCh	54, 20.725, 2.699
Yxy	21.9746, 0.3599, 0.3103
Android (android.graphics.Color)	4288967808 (0xFFA47480)
YUV	131.7200, -1.8340, 28.3096
Hunter-Lab	46.8770, 15.0156, 3.2798

Details

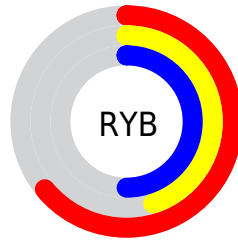
The CIELCh color **54, 20.725, 2.699** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 18.726, 176.758**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 21.056, 2.017**, and **34, 20.787, 2.375** is the 20% darker color. If you saturate the color by 10%, you get **50, 28.220, 4.222**, and if you desaturate by 10%, it is **58, 13.377, 1.429**.

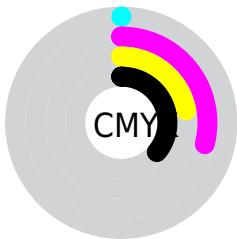
Distribution



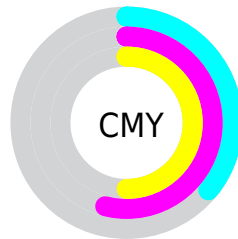
- Red (64%)
- Green (45%)
- Blue (50%)



- Red (64%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (36%)



- Cyan (36%)
- Magenta (54%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 20.725, 2.699 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, 20.725, 2.699 by changing the saturation by 10% instead.

 54, 20.725, 2.699  54, 20.725, 2.699

 100, 20.725, 2.699  44, 20.725, 2.699

 74, 20.725, 2.699  34, 20.725, 2.699

 84, 20.725, 2.699  24, 20.725, 2.699


 94, 20.725, 2.699  14, 20.725, 2.699

 4, 20.725, 2.699

 0, 20.725, 2.699

 54, 20.725, 2.699  54, 20.725, 2.699

 50, 28.220, 4.222  58, 13.377, 1.429

 46, 35.696, 6.077  63, 6.289, 0.320

42, 42.901, 8.384

68, 0.492, 180.330

39, 49.532, 11.289

73, 6.946, 178.711

37, 55.307, 14.948

77, 13.079,
177.962

35, 60.088, 19.463

82, 18.908,
177.307

34, 64.194, 24.561

34, 64.517, 24.922

87, 24.455,
176.718

92, 29.745,
176.185

94, 30.634,
181.669

Harmonies

Complementary

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



54, 20.725, 2.699



64, 18.726, 176.758

Rectangle

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



54, 20.725, 2.699



54, 20.725, 52.699



54, 20.725, 182.699



54, 20.725, 232.699

Sweetspot

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



54, 20.723, 2.702



80, 7.597, 0.311



54, 30.692, 318.535



42, 5.286, 0.459



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, 20.723, 2.702



66, 31.112, 3.642



57, 16.895, 44.403



32, 3.827, 0.321



30, 58.775, 24.285



1, 5.775, 1.256

Inverse Universe

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



54, 20.723, 2.702



66, 31.112, 3.642



61, 14.006, 227.495



32, 3.827, 0.321



30, 58.775, 24.285



1, 5.775, 1.256

Previews

White Background



This preview shows how the CIELCh color 54, 20.725, 2.699 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 54, 20.725, 2.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

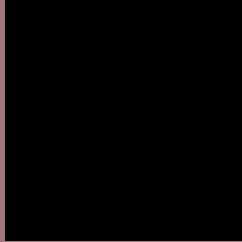
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 20.725, 2.699

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.725, 2.699.



This preview shows how white text looks on a background with the CIELCh color 54, 20.725, 2.699.

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, 20.725, 2.699

Protanopia

54, 3.489, 297.018

Deuteranopia

54, 7.342, 15.692



Tritanopia
54, 19.889, 8.584

Trichromacy



Original Color
54, 20.725, 2.699

Protanomaly
54, 8.553, 347.816

Deuteranomaly
54, 12.170, 7.206

Tritanomaly
54, 19.968, 6.970

Monochromacy



Original Color
54, 20.725, 2.699

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 7.783, 358.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 20.725, 2.699 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(164, 116, 128)` looks like.

```
.text, #text, p{  
    color:rgb(164, 116, 128)  
}
```

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(164, 116, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 116, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.725, 2.699 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(164, 116, 128) }
```

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

```
.border{ border-color:rgb(164, 116, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 116, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 116, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 116, 128);  
box-shadow:4px 4px 4px 4px rgb(164, 116,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.725, 2.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 116, 128) }
```

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

```
.background{ background-color: rgb(164,  
116, 128) }
```

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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