

Converting Colors

CIELCh(54, 7.783, 17.733)

Have a look what the booklet for
CIELCh(54, 7.783, 17.733) contains.

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Color

CIELCh(54, 7.756, 20.201)

Conversions

Conversions Part 1

Format	Color
Hex	907D7D
RGB	144, 125, 125
RGB Percent	56%, 49%, 49%
CMY	0.4364, 0.5109, 0.5109
CMYK	0.00, 0.13, 0.13, 0.44
HSL	0°, 8%, 53%
HSV	0°, 13%, 56%
XYZ	22.4345, 21.9746, 22.3688
YIQ	130.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

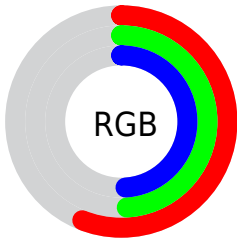
Format	Color
RYB	144, 125, 125
Decimal	9469309
CIELab	54.00, 7.28, 2.68
CIELCh	54, 7.756, 20.201
Yxy	21.9746, 0.3360, 0.3291
Android (android.graphics.Color)	4287659389 (0xFF907D7D)
YUV	130.6810, -2.8007, 11.6808
Hunter-Lab	46.8770, 3.3921, 4.5219

Details

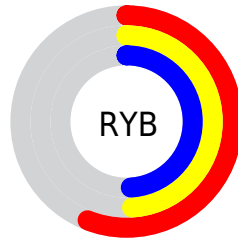
The CIELCh color $54, 7.756, 20.201$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 7.145, 198.785$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 7.615, 19.979$, and $34, 7.625, 20.551$ is the 20% darker color. If you saturate the color by 10%, you get $50, 14.151, 21.090$, and if you desaturate by 10%, it is $58, 1.816, 19.365$.

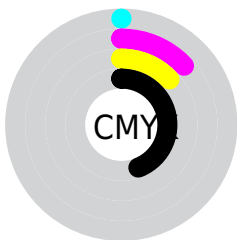
Distribution



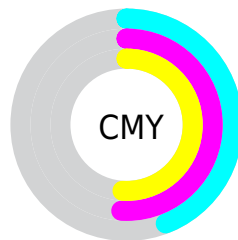
- Red (56%)
- Green (49%)
- Blue (49%)



- Red (56%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 7.756, 20.201 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, 7.756, 20.201 by changing the saturation by 10% instead.

 54, 7.756, 20.201  54, 7.756, 20.201

 100, 7.756, 20.201  44, 7.756, 20.201

 74, 7.756, 20.201  34, 7.756, 20.201

 84, 7.756, 20.201  24, 7.756, 20.201

 94, 7.756, 20.201  14, 7.756, 20.201

 4, 7.756, 20.201

 0, 7.756, 20.201

 54, 7.756, 20.201  54, 7.756, 20.201

 50, 14.151, 21.090  58, 1.816, 19.365

 46, 21.002, 22.203  63, 3.688, 199.197

42, 28.260, 23.641

67, 8.790, 198.713

38, 35.821, 25.504

71, 13.532,
198.362

35, 43.514, 27.892

76, 17.955,
198.083

33, 51.094, 30.854

31, 58.213, 34.269

80, 22.096,
197.857

30, 64.166, 37.551

85, 25.991,
197.670

29, 67.440, 39.201

89, 29.671,
197.515

93, 33.162,
197.385

Harmonies

Complementary

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



54, 7.756, 20.201



58, 7.145, 198.785

Rectangle

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



54, 7.756, 20.201



54, 7.756, 70.201



54, 7.756, 200.201



54, 7.756, 250.201

Sweetspot

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



54, 7.755, 20.212



73, 2.800, 19.468



55, 13.222, 325.129



39, 2.011, 19.537



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 7.755, 20.212



67, 11.736, 20.466



57, 6.646, 73.811



28, 3.245, 19.898



27, 64.130, 38.801



0, 2.121, 19.415

Inverse Universe

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



58, 7.145, 198.785



73, 10.593, 198.621



56, 6.438, 257.181



30, 3.069, 199.016



51, 31.262, 196.404



2, 2.121, 199.432

Previews

White Background



This preview shows how the CIELCh color 54, 7.756, 20.201 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, 7.756, 20.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

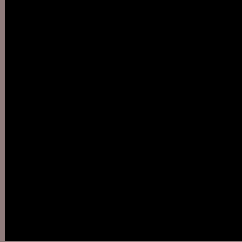
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 7.756, 20.201

Background



This preview shows how black text looks on a background with the CIELCh color 54, 7.756, 20.201.



This preview shows how white text looks on a background with the CIELCh color 54, 7.756, 20.201.

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, 7.756, 20.201

Protanopia

54, 1.649, 63.328

Deuteranopia

54, 7.340, 20.153



Tritanopia
54, 10.513, 347.465

Trichromacy



Original Color
54, 7.756, 20.201

Protanomaly
54, 3.671, 28.670

Deuteranomaly
54, 7.340, 20.153

Tritanomaly
54, 9.139, 358.303

Monochromacy



Original Color
54, 7.756, 20.201

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 2.804, 19.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 7.756, 20.201 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(144, 125, 125)` looks like.

```
.text, #text, p{  
    color:rgb(144, 125, 125)  
}
```

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(144, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 125, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 7.756, 20.201 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(144, 125, 125) }
```

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

```
.border{ border-color:rgb(144, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(144, 125,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 7.756, 20.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 125, 125) }
```

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

```
.background{ background-color: rgb(144,  
125, 125) }
```

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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