

Converting Colors

CIELCh(54, 20.677, 107.581)

Have a look what the booklet for
CIELCh(54, 20.677, 107.581)
contains.

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Color

CIELCh(54, 20.490, 107.620)

Conversions

Conversions Part 1

Format	Color
Hex	83835F
RGB	131, 131, 95
RGB Percent	51%, 51%, 37%
CMY	0.4853, 0.4853, 0.6265
CMYK	0.00, 0.00, 0.27, 0.49
HSL	60°, 16%, 44%
HSV	60°, 27%, 51%
XYZ	19.6244, 21.9746, 14.0899
YIQ	126.8960, 11.5560, -11.1960

Conversions

Conversions Part 2

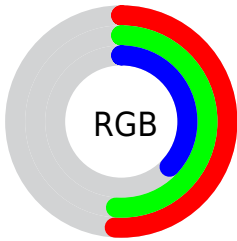
Format	Color
RYB	95, 131, 95
Decimal	8618847
CIELab	54.00, -6.20, 19.53
CIELCh	54, 20.490, 107.620
Yxy	21.9746, 0.3524, 0.3946
Android (android.graphics.Color)	4286808927 (0xFF83835F)
YUV	126.8960, -15.7247, 3.5992
Hunter-Lab	46.8770, -7.3082, 14.9930

Details

The CIELCh color $54, 20.490, 107.620$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $42, 21.822, 293.332$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 20.385, 108.201$, and $34, 20.832, 107.878$ is the 20% darker color. If you saturate the color by 10%, you get $54, 27.753, 106.706$, and if you desaturate by 10%, it is $54, 13.081, 108.556$.

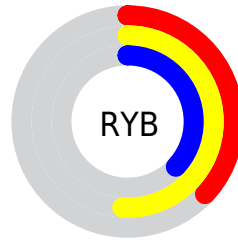
Distribution



Red (51%)

Green (51%)

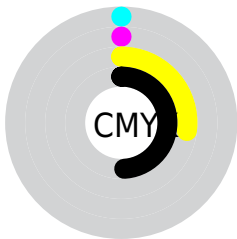
Blue (37%)



Red (37%)

Yellow (51%)

Blue (37%)

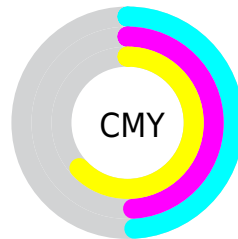


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (49%)



Cyan (49%)


Magenta (49%)


Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 20.490, 107.620 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, 20.490, 107.620 by changing the saturation by 10% instead.


 54, 20.490,
107.620


 54, 20.490,
107.620


 100, 20.490,
107.620


 44, 20.490,
107.620


 74, 20.490,
107.620

 34, 20.490,
107.620

 84, 20.490,
107.620

 24, 20.490,
107.620

 94, 20.490,
107.620

 14, 20.490,
107.620

 4, 20.490, 107.620

 0, 20.490, 107.620

■ 54, 20.490,
107.620

■ 54, 20.490,
107.620

■ 54, 27.753,
106.706

■ 54, 13.081,
108.556

■ 54, 34.763,
105.822

■ 55, 5.590, 109.484

■ 55, 1.937, 290.437

■ 53, 41.364,
104.998

■ 55, 9.470, 291.315

■ 53, 47.329,
104.265

■ 56, 16.990,
292.182

■ 53, 52.356,
103.658

■ 56, 24.481,
293.015

■ 53, 56.114,
103.212

■ 57, 31.933,
293.811

■ 53, 58.587,
102.923

■ 57, 39.337,
294.568

■ 53, 59.195,

102.853

■ 58, 46.685,
295.284

Harmonies

Complementary

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



54, 20.490, 107.620



42, 21.822, 293.332

Rectangle

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



54, 20.490, 107.620



54, 20.490, 157.620



54, 20.490, 287.620



54, 20.490, 337.620

Sweetspot

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



54, 20.491, 107.624



70, 7.458, 109.416



44, 15.764, 21.492



37, 5.341, 109.292



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



54, 20.491, 107.624



69, 30.440, 107.041



53, 21.976, 127.848



28, 4.274, 109.328



53, 58.804, 102.853



1, 1.028, 110.177

Inverse Universe

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



42, 21.822, 293.332



50, 32.982, 294.271



43, 22.795, 310.337



25, 4.363, 291.085



13, 81.198, 306.287



0, 1.028, 290.178

Previews

White Background



This preview shows how the CIELCh color 54, 20.490, 107.620 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, 20.490, 107.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

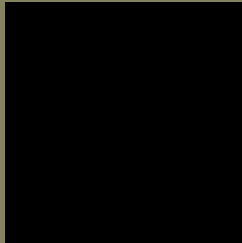
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 20.490, 107.620

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.490, 107.620.



This preview shows how white text looks on a background with the CIELCh color 54, 20.490, 107.620.

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

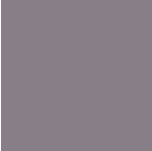
54, 20.490, 107.620

Protanopia

54, 20.468, 95.294

Deuteranopia

54, 20.021, 70.081



Tritanopia
54, 7.011, 324.803

Trichromacy



Original Color
54, 20.490, 107.620

Protanomaly
54, 20.683, 100.326

Deuteranomaly
54, 19.326, 85.205

Tritanomaly
54, 4.696, 78.244

Monochromacy



Original Color
54, 20.490, 107.620

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 8.039, 109.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 20.490, 107.620 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(131, 131, 95)` looks like.

```
.text, #text, p{  
    color:rgb(131, 131, 95)  
}
```

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(131, 131, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 131, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.490, 107.620 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(131, 131, 95) }
```

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

```
.border{ border-color:rgb(131, 131, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 131, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 131, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 131, 95);  
box-shadow:4px 4px 4px 4px rgb(131, 131,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.490, 107.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 131, 95) }
```

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

```
.background{ background-color: rgb(131,  
131, 95) }
```

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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