

Converting Colors

CIELCh(54, 20.218, 324.358)

Have a look what the booklet for
CIELCh(54, 20.218, 324.358)
contains.

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Color

CIELCh(54, 20.371, 323.617)

Conversions

Conversions Part 1

Format	Color
Hex	947896
RGB	148, 120, 150
RGB Percent	58%, 47%, 59%
CMY	0.4191, 0.5289, 0.4113
CMYK	0.01, 0.20, 0.00, 0.41
HSL	296°, 13%, 53%
HSV	296°, 20%, 59%
XYZ	24.4804, 21.9746, 31.8568
YIQ	131.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

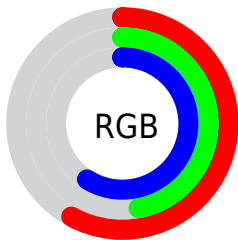
Format	Color
R_{YB}	148, 120, 150
Decimal	9730198
CIE _{Lab}	54.00, 16.40, -12.08
CIE _{LCh}	54, 20.371, 323.617
Yxy	21.9746, 0.3126, 0.2806
Android (android.graphics.Color)	4287920278 (0xFF947896)
YUV	131.7920, 8.9765, 14.2144
Hunter-Lab	46.8770, 11.1825, -7.4786

Details

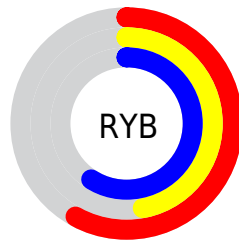
The CIELCh color $54, 20.371, 323.617$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 20.304, 141.515$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 20.521, 323.539$, and $34, 20.478, 323.824$ is the 20% darker color. If you saturate the color by 10%, you get $50, 30.581, 324.103$, and if you desaturate by 10%, it is $58, 10.127, 323.115$.

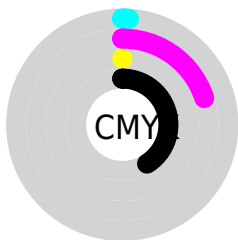
Distribution



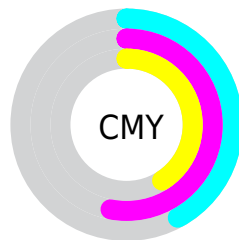
- Red (58%)
- Green (47%)
- Blue (59%)



- Red (58%)
- Yellow (47%)
- Blue (59%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (41%)





- Cyan (42%)
- Magenta (53%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 20.371, 323.617 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, 20.371, 323.617 by changing the saturation by 10% instead.

 54, 20.371,
323.617

 54, 20.371,
323.617


 100, 20.371,
323.617


 44, 20.371,
323.617


 74, 20.371,
323.617

 34, 20.371,
323.617

 84, 20.371,
323.617

 24, 20.371,
323.617

 94, 20.371,
323.617

 14, 20.371,
323.617

 4, 20.371, 323.617

 0, 20.371, 323.617

■ 54, 20.371,
323.617

■ 54, 20.371,
323.617

■ 50, 30.581,
324.103

■ 58, 10.127,
323.115

■ 47, 40.563,
324.562

■ 62, 0.009, 164.630

■ 66, 9.950, 142.185

■ 43, 50.041,
324.976

■ 71, 19.645,
141.715

■ 40, 58.670,
325.323

■ 75, 29.068,
141.273

■ 38, 66.055,
325.581

■ 79, 38.207,
140.858

■ 36, 71.821,
325.728


■ 84, 47.063,
140.469


■ 34, 75.711,
325.748

■ 88, 55.644,
140.107

■ 34, 78.126,

325.670

 92, 63.831,
139.774

 34, 78.129,
325.670

Harmonies

Complementary

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



54, 20.371, 323.617



59, 20.304, 141.515

Rectangle

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



54, 20.371, 323.617



54, 20.371, 13.617



54, 20.371, 143.617



54, 20.371, 193.617

Sweetspot

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



54, 20.369, 323.617



76, 7.555, 322.912



52, 16.279, 289.655



40, 5.053, 322.944



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 20.369, 323.617



67, 30.473, 323.838



54, 15.390, 341.800



29, 5.657, 323.074



31, 73.359, 325.689



1, 4.917, 322.641

Inverse Universe

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



53, 12.449, 15.538



66, 18.886, 16.035



59, 15.124, 158.616



29, 3.351, 14.498



28, 62.992, 36.230



1, 2.845, 13.878

Previews

White Background



This preview shows how the CIELCh color 54, 20.371, 323.617 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, 20.371, 323.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

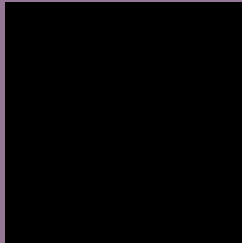
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 20.371, 323.617

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.371, 323.617.



This preview shows how white text looks on a background with the CIELCh color 54, 20.371, 323.617.

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, 20.371, 323.617

Protanopia

54, 15.634, 285.460

Deuteranopia

54, 13.512, 301.318



Tritanopia
54, 10.852, 348.693

Trichromacy



Original Color
54, 20.371, 323.617

Protanomaly
54, 16.436, 301.141

Deuteranomaly
54, 15.443, 311.846

Tritanomaly
54, 13.894, 336.264

Monochromacy



Original Color
54, 20.371, 323.617

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 7.471, 322.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 20.371, 323.617 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(148, 120, 150)` looks like.

```
.text, #text, p{  
    color:rgb(148, 120, 150)  
}
```

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(148, 120, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 120, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.371, 323.617 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(148, 120, 150) }
```

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

```
.border{ border-color:rgb(148, 120, 150) }
```

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

Here you see how a box with a 4 pixel rgb(148, 120, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 120, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 120, 150);  
box-shadow:4px 4px 4px 4px rgb(148, 120,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.371, 323.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 120, 150) }
```

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

```
.background{ background-color: rgb(148,  
120, 150) }
```

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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