

Converting Colors

CIELCh(54, 41.193, 20.992)

Have a look what the booklet for
CIELCh(54, 41.193, 20.992) contains.

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Color

CIELCh(54, 40.996, 20.951)

Conversions

Conversions Part 1

Format	Color
Hex	C4656A
RGB	196, 101, 106
RGB Percent	77%, 40%, 42%
CMY	0.2327, 0.6051, 0.5854
CMYK	0.00, 0.49, 0.46, 0.23
HSL	357°, 44%, 58%
HSV	357°, 49%, 77%
XYZ	29.8884, 21.9746, 16.2243
YIQ	129.9750, 55.0150, 21.6950

Conversions

Conversions Part 2

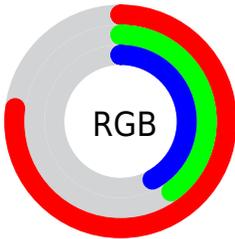
Format	Color
R_{YB}	196, 101, 106
Decimal	12871018
CIE _{Lab}	54.00, 38.29, 14.66
CIE _{LCh}	54, 40.996, 20.951
Yxy	21.9746, 0.4390, 0.3227
Android (android.graphics.Color)	4291061098 (0xFFC4656A)
YUV	129.9750, -11.8197, 57.9039
Hunter-Lab	46.8770, 31.7753, 12.2935

Details

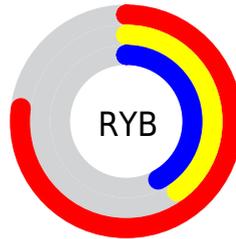
The CIELCh color **54, 40.996, 20.951** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **73, 29.923, 191.895**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 40.761, 21.116**, and **34, 41.285, 20.852** is the 20% darker color. If you saturate the color by 10%, you get **50, 50.445, 23.321**, and if you desaturate by 10%, it is **59, 31.686, 19.109**.

Distribution



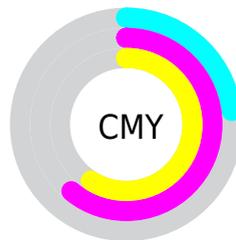
- Red (77%)
- Green (40%)
- Blue (42%)



- Red (77%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (46%)
- Black (23%)



- Cyan (23%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 40.996, 20.951 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, 40.996, 20.951 by changing the saturation by 10% instead.

■ 54, 40.996, 20.951

■ 54, 40.996, 20.951

■ 100, 40.996,
20.951

■ 44, 40.996, 20.951

■ 74, 40.996, 20.951

■ 34, 40.996, 20.951

■ 84, 40.996, 20.951

■ 24, 40.996, 20.951

■ 94, 40.996, 20.951

■ 14, 40.996, 20.951

■ 4, 40.996, 20.951

■ 0, 40.996, 20.951

■ 54, 40.996, 20.951

■ 54, 40.996, 20.951

■ 50, 50.445, 23.321

■ 59, 31.686, 19.109

■ 46, 59.750, 26.319

■ 64, 22.736, 17.666

44, 68.575, 29.972

69, 14.268, 16.523

42, 76.492, 34.044

74, 6.338, 15.575

41, 82.730, 37.689

80, 1.051, 195.441

41, 83.480, 38.059

85, 7.926, 194.401

91, 14.328,
193.873

96, 19.475,
196.682

96, 19.416,
198.224

Harmonies

Complementary

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



54, 40.996, 20.951



73, 29.923, 191.895

Rectangle

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



54, 40.996, 20.951



54, 40.996, 70.951



54, 40.996, 200.951



54, 40.996, 250.951

Sweetspot

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



54, 40.994, 20.954



90, 14.155, 16.195



56, 60.346, 324.956



46, 9.731, 16.406



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 40.994, 20.954



64, 62.019, 23.425



63, 33.685, 62.616



38, 4.192, 15.651



33, 71.673, 37.560



3, 14.027, 16.524

Inverse Universe

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



54, 40.994, 20.954



64, 62.019, 23.425



62, 27.494, 256.446



38, 4.192, 15.651



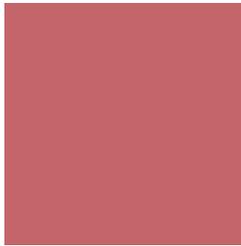
33, 71.673, 37.560



3, 14.027, 16.524

Previews

White Background



This preview shows how the CIELCh color 54, 40.996, 20.951 looks on a white background.

Color Contrast Check

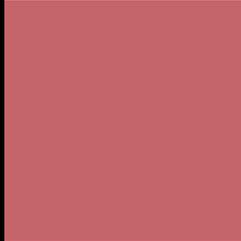
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.996, 20.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

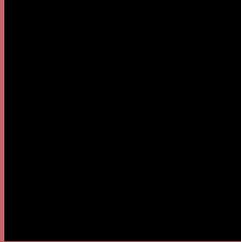
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

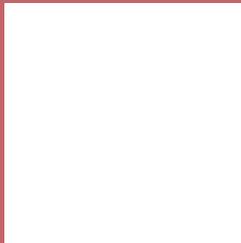
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 40.996, 20.951

Background



This preview shows how black text looks on a background with the CIELCh color 54, 40.996, 20.951.



This preview shows how white text looks on a background with the CIELCh color 54, 40.996, 20.951.

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](#).

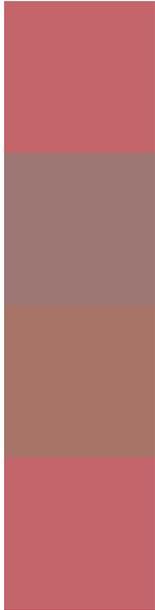
Dichromacy





Tritanopia
54, 41.201, 18.776

Trichromacy



Original Color
54, 40.996, 20.951

Protanomaly
53, 15.886, 29.345

Deuteranomaly
54, 24.301, 39.380

Tritanomaly
54, 41.287, 19.554

Monochromacy



Original Color
54, 40.996, 20.951

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 14.590, 16.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 40.996, 20.951 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(196, 101, 106)` looks like.

```
.text, #text, p{  
    color:rgb(196, 101, 106)  
}
```

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(196, 101, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 101, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 40.996, 20.951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

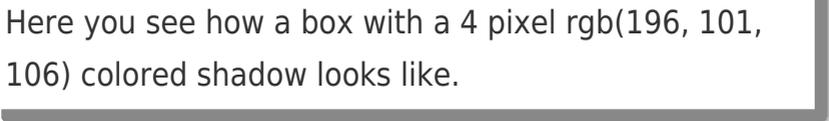
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 101, 106) }
```

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

```
.border{ border-color:rgb(196, 101, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 101, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 101, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 101, 106); box-shadow:4px 4px 4px 4px rgb(196, 101, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 40.996, 20.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 101, 106) }
```

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

```
.background{ background-color: rgb(196,  
101, 106) }
```

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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