

Converting Colors

CIELCh(54, 54.651, 297.009)

Have a look what the booklet for
CIELCh(54, 54.651, 297.009)
contains.

CIELCh(54, 54.666, 296.948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 54.666, 296.948)

Conversions

Conversions Part 1

Format	Color
Hex	7977D6
RGB	121, 119, 214
RGB Percent	47%, 47%, 84%
CMY	0.5271, 0.5348, 0.1624
CMYK	0.44, 0.44, 0.00, 0.16
HSL	241°, 53%, 65%
HSV	241°, 44%, 84%
XYZ	26.4648, 21.9746, 66.1856
YIQ	130.4280, -29.3030, 29.9690

Conversions

Conversions Part 2

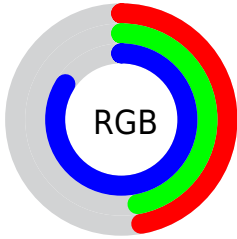
Format	Color
R _Y B	121, 119, 214
Decimal	7960534
CIE Lab	54.00, 24.77, -48.73
CIE LCh	54, 54.666, 296.948
Yxy	21.9746, 0.2309, 0.1917
Android (android.graphics.Color)	4286150614 (0xFF7977D6)
YUV	130.4280, 41.2010, -8.2684
Hunter-Lab	46.8770, 18.7389, -50.8975

Details

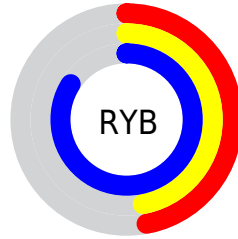
The CIELCh color **54, 54.666, 296.948** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **84, 48.552, 106.888**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 45.708, 296.660**, and **34, 54.684, 296.881** is the 20% darker color. If you saturate the color by 10%, you get **47, 68.313, 298.885**, and if you desaturate by 10%, it is **61, 41.478, 295.234**.

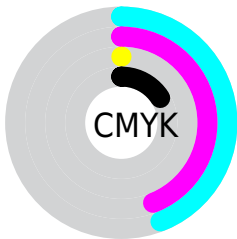
Distribution



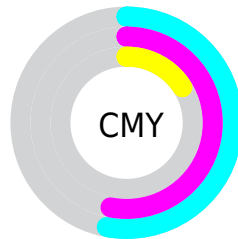
- Red (47%)
- Green (47%)
- Blue (84%)



- Red (47%)
- Yellow (47%)
- Blue (84%)



- Cyan (44%)
- Magenta (44%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 54.666, 296.948 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, 54.666, 296.948 by changing the saturation by 10% instead.

 54, 54.666,
296.948

 54, 54.666,
296.948

 100, 54.666,
296.948

 44, 54.666,
296.948


 74, 54.666,
296.948

 34, 54.666,
296.948

 84, 54.666,
296.948

 24, 54.666,
296.948

 94, 54.666,
296.948

 14, 54.666,
296.948

 4, 54.666, 296.948

 0, 54.666, 296.948

■ 54, 54.666,
296.948

■ 54, 54.666,
296.948

■ 47, 68.313,
298.885

■ 61, 41.478,
295.234

■ 41, 82.148,
300.973

■ 68, 28.821,
293.755

■ 35, 95.460,
303.042

■ 75, 16.689,
292.493

■ 30, 106.837,
304.806

■ 82, 5.049, 291.428

■ 89, 6.135, 110.496

■ 27, 114.363,
305.935

■ 96, 16.898,
109.727

■ 26, 116.966,
306.338

■ 99, 20.929,
108.593

Harmonies

Complementary

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



54, 54.666, 296.948



84, 48.552, 106.888

Rectangle

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



54, 54.666, 296.948



54, 54.666, 346.948



54, 54.666, 116.948



54, 54.666, 166.948

Sweetspot

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



54, 54.665, 296.949



89, 17.282, 292.341



80, 28.878, 199.079



46, 12.147, 292.599



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, 54.665, 296.949



57, 76.636, 298.699



58, 56.004, 311.840



41, 6.502, 291.933



20, 99.014, 306.354



2, 27.595, 294.559

Inverse Universe

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



63, 59.720, 327.384



71, 80.581, 327.806



80, 52.626, 127.581



42, 7.738, 325.494



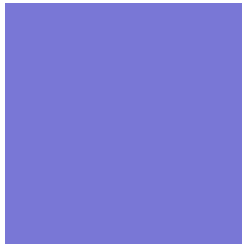
40, 84.239, 329.065



6, 32.464, 328.717

Previews

White Background



This preview shows how the CIELCh color 54, 54.666, 296.948 looks on a white background.

Color Contrast Check

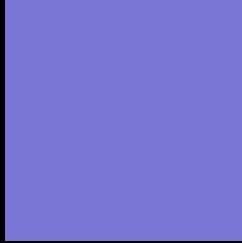
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.666, 296.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

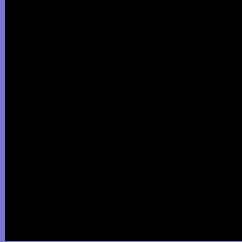
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 54.666, 296.948

Background



This preview shows how black text looks on a background with the CIELCh color 54, 54.666, 296.948.



This preview shows how white text looks on a background with the CIELCh color 54, 54.666, 296.948.

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, 54.666, 296.948

Protanopia

54, 54.325, 286.252

Deuteranopia

54, 47.605, 279.326



Tritanopia
54, 12.536, 229.060

Trichromacy



Original Color
54, 54.666, 296.948

Protanomaly
54, 54.696, 290.079

Deuteranomaly
54, 49.782, 285.803

Tritanomaly
54, 24.799, 278.473

Monochromacy



Original Color
54, 54.666, 296.948

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 19.648, 293.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 54.666, 296.948 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(121, 119, 214)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 214)  
}
```

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(121, 119, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 54.666, 296.948 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(121, 119, 214) }
```

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

```
.border{ border-color:rgb(121, 119, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 119, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 119, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 119, 214); box-shadow:4px 4px 4px 4px rgb(121, 119, 214) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 54.666, 296.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 214) }
```

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

```
.background{ background-color: rgb(121,  
119, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor