

Converting Colors

CIELCh(54, 20.310, 296.642)

Have a look what the booklet for
CIELCh(54, 20.310, 296.642)
contains.

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Color

CIELCh(54, 20.310, 296.642)

Conversions

Conversions Part 1

Format	Color
Hex	817DA0
RGB	129, 125, 160
RGB Percent	51%, 49%, 63%
CMY	0.4930, 0.5087, 0.3714
CMYK	0.19, 0.22, 0.00, 0.37
HSL	247°, 16%, 56%
HSV	247°, 22%, 63%
XYZ	22.8351, 21.9746, 36.4288
YIQ	130.1860, -8.8510, 11.7330

Conversions

Conversions Part 2

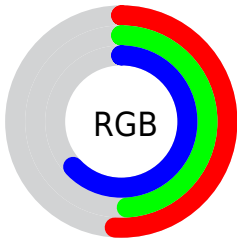
Format	Color
R_{YB}	129, 125, 160
Decimal	8486304
CIE _{Lab}	54.00, 9.11, -18.15
CIE _{LCh}	54, 20.310, 296.642
Yxy	21.9746, 0.2811, 0.2705
Android (android.graphics.Color)	4286676384 (0xFF817DA0)
YUV	130.1860, 14.6983, -1.0401
Hunter-Lab	46.8770, 4.9176, -13.2611

Details

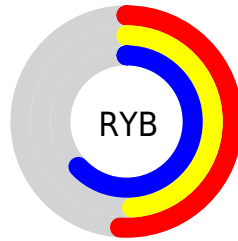
The CIELCh color $54, 20.310, 296.642$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $65, 19.343, 112.967$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 20.145, 295.977$, and $34, 20.184, 296.689$ is the 20% darker color. If you saturate the color by 10%, you get $48, 30.202, 297.778$, and if you desaturate by 10%, it is $59, 10.799, 295.658$.

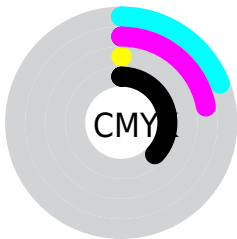
Distribution



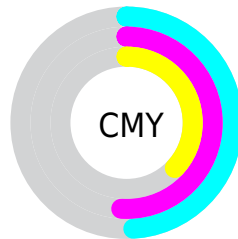
- Red (51%)
- Green (49%)
- Blue (63%)



- Red (51%)
- Yellow (49%)
- Blue (63%)



- Cyan (19%)
- Magenta (22%)
- Yellow (0%)
- Black (37%)




- Cyan (49%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 20.310, 296.642 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, 20.310, 296.642 by changing the saturation by 10% instead.

 54, 20.310,
296.642

 54, 20.310,
296.642


 100, 20.310,
296.642

 44, 20.310,
296.642


 74, 20.310,
296.642

 34, 20.310,
296.642

 84, 20.310,
296.642

 24, 20.310,
296.642

 94, 20.310,
296.642

 14, 20.310,
296.642

 4, 20.310, 296.642

 0, 20.310, 296.642

■ 54, 20.310,
296.642

■ 54, 20.310,
296.642

■ 48, 30.202,
297.778

■ 59, 10.799,
295.658

■ 43, 40.477,
299.080

■ 65, 1.655, 294.822

■ 70, 7.145, 114.083

■ 38, 51.087,
300.538

■ 76, 15.626,
113.461

■ 32, 61.876,
302.113

■ 81, 23.807,
112.926

■ 28, 72.461,
303.706

■ 86, 31.711,
112.466

■ 24, 82.069,
305.134


■ 92, 39.354,
112.069

■ 20, 89.489,
306.143

■ 97, 46.755,
111.725

■ 19, 93.890,

306.734

 98, 47.221,
106.567

Harmonies

Complementary

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



54, 20.310, 296.642



65, 19.343, 112.967

Rectangle

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



54, 20.310, 296.642



54, 20.310, 346.642



54, 20.310, 116.642



54, 20.310, 166.642

Sweetspot

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



54, 20.309, 296.641



79, 7.857, 295.245



62, 11.430, 208.392



41, 5.100, 295.291



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



54, 20.309, 296.641



66, 30.295, 297.150



56, 21.645, 313.408



31, 5.073, 295.426



16, 86.211, 306.781



0, 6.530, 294.437

Inverse Universe

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



57, 22.155, 328.960



70, 32.743, 329.235



64, 21.162, 131.539



31, 5.643, 328.212



33, 68.736, 333.262



1, 7.224, 328.429

Previews

White Background



This preview shows how the CIELCh color 54, 20.310, 296.642 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, 20.310, 296.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

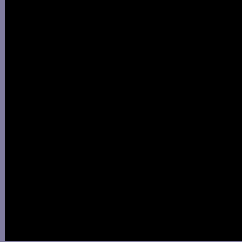
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 20.310, 296.642

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.310, 296.642.



This preview shows how white text looks on a background with the CIELCh color 54, 20.310, 296.642.

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, 20.310, 296.642

Protanopia

54, 19.688, 285.400

Deuteranopia

54, 19.639, 292.545



Tritanopia
54, 5.937, 276.015

Trichromacy



Original Color
54, 20.310, 296.642

Protanomaly
54, 19.622, 289.449

Deuteranomaly
54, 19.648, 293.579

Tritanomaly
54, 10.961, 289.567

Monochromacy



Original Color
54, 20.310, 296.642

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 7.552, 296.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 20.310, 296.642 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(129, 125, 160)` looks like.

```
.text, #text, p{  
    color:rgb(129, 125, 160)  
}
```

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(129, 125, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 125, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.310, 296.642 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(129, 125, 160) }
```

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

```
.border{ border-color:rgb(129, 125, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 125, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 125, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 125, 160);  
box-shadow:4px 4px 4px 4px rgb(129, 125,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.310, 296.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 125, 160) }
```

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

```
.background{ background-color: rgb(129,  
125, 160) }
```

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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