

Converting Colors

CIELCh(20, 54.313, 326.296)

Have a look what the booklet for
CIELCh(20, 54.313, 326.296)
contains.

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Color

CIELCh(20, 54.215, 326.546)

Conversions

Conversions Part 1

Format	Color
Hex	59045D
RGB	89, 4, 93
RGB Percent	35%, 2%, 36%
CMY	0.6515, 0.9850, 0.6358
CMYK	0.04, 0.96, 0.00, 0.64
HSL	297°, 92%, 19%
HSV	297°, 96%, 36%
XYZ	6.1201, 2.9891, 10.5830
YIQ	39.5610, 22.0910, 45.6990

Conversions

Conversions Part 2

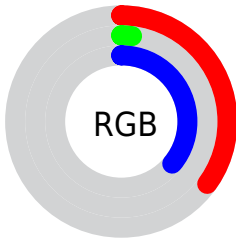
Format	Color
RYB	89, 4, 93
Decimal	5833821
CIELab	20.00, 45.23, -29.89
CIELCh	20, 54.215, 326.546
Yxy	2.9891, 0.3108, 0.1518
Android (android.graphics.Color)	4284023901 (0xFF59045D)
YUV	39.5610, 26.3454, 43.3580
Hunter-Lab	17.2889, 32.9317, -24.1909

Details

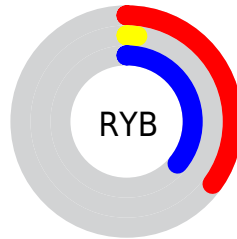
The CIELCh color **20, 54.215, 326.546** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34, 55.622, 135.970**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 54.081, 326.482**, and **6, 34.937, 325.302** is the 20% darker color. If you saturate the color by 10%, you get **20, 55.351, 326.581**, and if you desaturate by 10%, it is **21, 51.506, 326.471**.

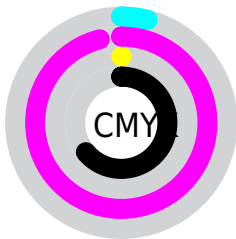
Distribution



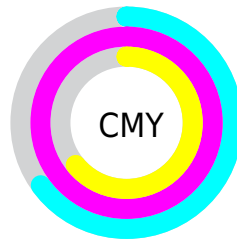
- Red (35%)
- Green (2%)
- Blue (36%)



- Red (35%)
- Yellow (2%)
- Blue (36%)



- Cyan (4%)
- Magenta (96%)
- Yellow (0%)
- Black (64%)





- Cyan (65%)
- Magenta (99%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 20, 54.215, 326.546 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 20, 54.215, 326.546 by changing the saturation by 10% instead.


 20, 54.215,
326.546


 20, 54.215,
326.546


 100, 54.215,
326.546


 10, 54.215,
326.546


 40, 54.215,
326.546

 0, 54.215, 326.546

 50, 54.215,
326.546

 60, 54.215,
326.546

 70, 54.215,
326.546

 80, 54.215,
326.546

 90, 54.215,

326.546

■ 20, 54.215,
326.546

■ 20, 54.215,
326.546

■ 20, 55.351,
326.581

■ 21, 51.506,
326.471

■ 22, 47.895,
326.321

■ 24, 43.195,
326.077

■ 25, 37.616,
325.751

■ 28, 31.397,
325.363

■ 30, 24.763,
324.930

■ 32, 17.901,
324.466

■ 35, 10.956,
323.984

■ 38, 4.032, 323.482

Harmonies

Complementary

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



20, 54.215, 326.546



34, 55.622, 135.970

Rectangle

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



20, 54.215, 326.546



20, 54.215, 16.546



20, 54.215, 146.546



20, 54.215, 196.546

Sweetspot

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



20, 54.214, 326.546



41, 24.743, 324.655



9, 58.649, 304.274



19, 17.100, 324.789



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



20, 54.214, 326.546



27, 66.269, 326.531



19, 40.589, 353.767



17, 3.815, 323.635



24, 62.196, 326.547



54, 109.647, 326.439

Inverse Universe

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



18, 44.334, 32.512



24, 56.791, 36.004



34, 41.915, 149.114



17, 2.235, 16.175



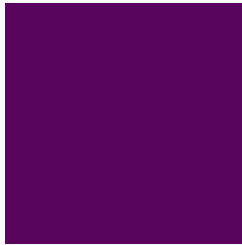
21, 52.697, 35.067



50, 97.227, 38.675

Previews

White Background



This preview shows how the CIELCh color 20, 54.215, 326.546 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 20, 54.215, 326.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

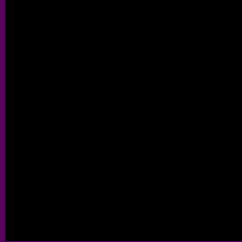
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 54.215, 326.546

Background



This preview shows how black text looks on a background with the CIELCh color 20, 54.215, 326.546.



This preview shows how white text looks on a background with the CIELCh color 20, 54.215, 326.546.

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

20, 54.215, 326.546

Protanopia

21, 37.400, 283.790

Deuteranopia

21, 24.285, 276.925



Tritanopia
21, 23.349, 22.122

Trichromacy



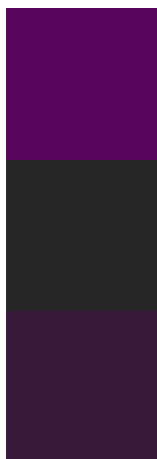
Original Color
20, 54.215, 326.546

Protanomaly
17, 46.488, 300.031

Deuteranomaly
18, 37.887, 305.511

Tritanomaly
20, 32.318, 347.240

Monochromacy



Original Color
20, 54.215, 326.546

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 25.931, 325.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 54.215, 326.546 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(89, 4, 93)` looks like.

```
.text, #text, p{  
    color:rgb(89, 4, 93)  
}
```

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(89, 4, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 4, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 54.215, 326.546 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(89, 4, 93) }
```

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

```
.border{ border-color:rgb(89, 4, 93) }
```

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

Here you see how a box with a 4 pixel rgb(89, 4, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 4, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 4, 93); box-shadow:4px  
4px 4px 4px rgb(89, 4, 93) }
```

Background

The CSS property to change the background color of an element to CIELCh 20, 54.215, 326.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 4, 93) }
```

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

```
.background{ background-color: rgb(89, 4,  
93) }
```

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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