

Converting Colors

CIELCh(50, 20.853, 332.951)

Have a look what the booklet for
CIELCh(50, 20.853, 332.951)
contains.

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Color

CIELCh(50, 20.894, 333.097)

Conversions

Conversions Part 1

Format	Color
Hex	8F6C87
RGB	143, 108, 135
RGB Percent	56%, 42%, 53%
CMY	0.4379, 0.5752, 0.4693
CMYK	0.00, 0.24, 0.06, 0.44
HSL	314°, 14%, 49%
HSV	314°, 24%, 56%
XYZ	21.1764, 18.4187, 25.4801
YIQ	121.5430, 12.1930, 15.8170

Conversions

Conversions Part 2

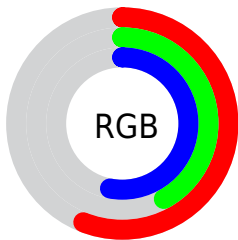
Format	Color
R_{YB}	143, 108, 135
Decimal	9399431
CIE _{Lab}	50.00, 18.63, -9.45
CIE _{LCh}	50, 20.894, 333.097
Yxy	18.4187, 0.3254, 0.2830
Android (android.graphics.Color)	4287589511 (0xFF8F6C87)
YUV	121.5430, 6.6343, 18.8178
Hunter-Lab	42.9170, 12.9722, -5.1591

Details

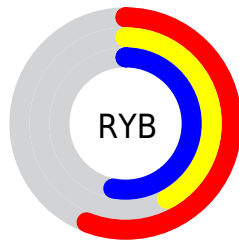
The CIELCh color $50, 20.894, 333.097$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 20.779, 149.809$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 20.582, 333.304$, and $30, 20.774, 333.312$ is the 20% darker color. If you saturate the color by 10%, you get $46, 29.383, 333.787$, and if you desaturate by 10%, it is $54, 12.299, 332.432$.

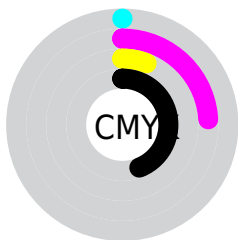
Distribution



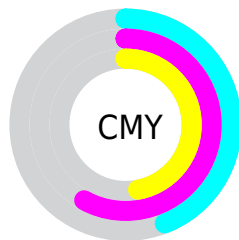
- Red (56%)
- Green (42%)
- Blue (53%)



- Red (56%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (44%)





- Cyan (44%)
- Magenta (58%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 20.894, 333.097 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 50, 20.894, 333.097 by changing the saturation by 10% instead.


 50, 20.894,
333.097


 50, 20.894,
333.097


 100, 20.894,
333.097


 40, 20.894,
333.097


 70, 20.894,
333.097

 30, 20.894,
333.097


 80, 20.894,
333.097


 20, 20.894,
333.097

 90, 20.894,
333.097

 10, 20.894,
333.097

 0, 20.894, 333.097

 50, 20.894,
333.097

 50, 20.894,
333.097

46, 29.383,
333.787

54, 12.299,
332.432

43, 37.559,
334.506

58, 3.752, 331.757

40, 45.136,
335.260

62, 4.656, 151.275

37, 51.764,
336.063

66, 12.867,
150.668

35, 57.068,
336.933

70, 20.852,
150.117

33, 60.728,
337.904

74, 28.600,
149.598

32, 62.601,
339.014

78, 36.110,
149.108

32, 63.309,
339.661

83, 43.390,
148.647

87, 50.450,
148.212

Harmonies

Complementary

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



50, 20.894, 333.097



56, 20.779, 149.809

Rectangle

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



50, 20.894, 333.097



50, 20.894, 23.097



50, 20.894, 153.097



50, 20.894, 203.097

Sweetspot

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



50, 20.892, 333.098



72, 7.351, 331.950



48, 20.964, 300.455



38, 4.816, 331.984



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



50, 20.892, 333.098



62, 30.687, 333.451



49, 15.539, 359.618



28, 4.782, 332.086



30, 60.714, 339.584



1, 3.209, 331.548

Inverse Universe

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



50, 20.892, 333.098



62, 30.687, 333.451



57, 14.438, 174.861



28, 4.782, 332.086



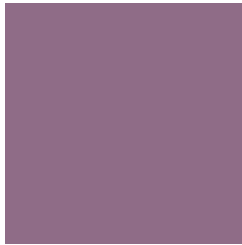
30, 60.714, 339.584



1, 3.209, 331.548

Previews

White Background



This preview shows how the CIELCh color 50, 20.894, 333.097 looks on a white background.

Color Contrast Check

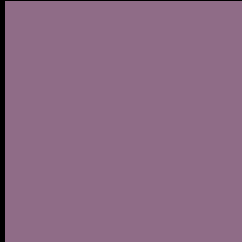
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 50, 20.894, 333.097 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 50, 20.894, 333.097

Background



This preview shows how black text looks on a background with the CIELCh color 50, 20.894, 333.097.



This preview shows how white text looks on a background with the CIELCh color 50, 20.894, 333.097.

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

50, 20.894, 333.097

Protanopia

50, 14.090, 286.004

Deuteranopia

50, 11.033, 307.726



Tritanopia
50, 13.372, 358.059

Trichromacy



Original Color
50, 20.894, 333.097

Protanomaly
50, 15.874, 307.256

Deuteranomaly
50, 14.215, 321.183

Tritanomaly
50, 15.907, 345.581

Monochromacy



Original Color
50, 20.894, 333.097

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 7.836, 332.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 20.894, 333.097 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(143, 108, 135)` looks like.

```
.text, #text, p{  
    color:rgb(143, 108, 135)  
}
```

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(143, 108, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 108, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 20.894, 333.097 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(143, 108, 135) }
```

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

```
.border{ border-color:rgb(143, 108, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 108, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 108, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 108, 135); box-shadow:4px 4px 4px 4px rgb(143, 108, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 20.894, 333.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 108, 135) }
```

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

```
.background{ background-color: rgb(143,  
108, 135) }
```

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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