

Converting Colors

CIELCh(50, 20.339, 335.695)

Have a look what the booklet for
CIELCh(50, 20.339, 335.695)
contains.

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Color

CIELCh(50, 20.742, 335.079)

Conversions

Conversions Part 1

Format	Color
Hex	906C86
RGB	144, 108, 134
RGB Percent	56%, 42%, 53%
CMY	0.4348, 0.5760, 0.4740
CMYK	0.00, 0.25, 0.07, 0.43
HSL	317°, 14%, 49%
HSV	317°, 25%, 57%
XYZ	21.2138, 18.4187, 25.0398
YIQ	121.7280, 13.1100, 15.7180

Conversions

Conversions Part 2

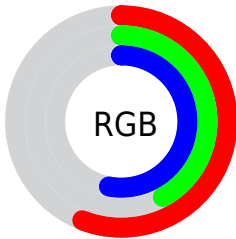
Format	Color
RYB	144, 108, 134
Decimal	9464966
CIELab	50.00, 18.81, -8.74
CIELCh	50, 20.742, 335.079
Yxy	18.4187, 0.3280, 0.2848
Android (android.graphics.Color)	4287655046 (0xFF906C86)
YUV	121.7280, 6.0501, 19.5325
Hunter-Lab	42.9170, 13.1275, -4.5507

Details

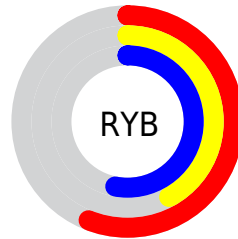
The CIELCh color $50, 20.742, 335.079$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 20.574, 151.556$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 20.447, 335.174$, and $30, 20.599, 335.526$ is the 20% darker color. If you saturate the color by 10%, you get $46, 28.990, 335.828$, and if you desaturate by 10%, it is $54, 12.392, 334.369$.

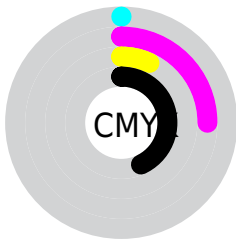
Distribution



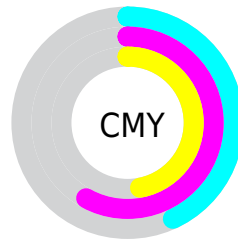
- Red (56%)
- Green (42%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (43%)





- Cyan (43%)
- Magenta (58%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 20.742, 335.079 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, 20.742, 335.079 by changing the saturation by 10% instead.


 50, 20.742,
335.079


 50, 20.742,
335.079


 100, 20.742,
335.079


 40, 20.742,
335.079


 70, 20.742,
335.079

 30, 20.742,
335.079


 80, 20.742,
335.079


 20, 20.742,
335.079

 90, 20.742,
335.079

 10, 20.742,
335.079

 0, 20.742, 335.079

 50, 20.742,
335.079

 50, 20.742,
335.079

46, 28.990,
335.828

54, 12.392,
334.369

43, 36.931,
336.623

58, 4.091, 333.662

40, 44.278,
337.481

62, 4.069, 153.160

37, 50.678,
338.421

66, 12.034,
152.523

35, 55.757,
339.478

70, 19.776,
151.951

33, 59.192,
340.700

74, 27.285,
151.416

32, 60.868,
342.141

79, 34.561,
150.912

32, 61.453,
342.899

83, 41.613,
150.438

87, 48.451,
149.991

Harmonies

Complementary

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



50, 20.742, 335.079



57, 20.574, 151.556

Rectangle

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



50, 20.742, 335.079



50, 20.742, 25.079



50, 20.742, 155.079



50, 20.742, 205.079

Sweetspot

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



50, 20.740, 335.080



72, 7.097, 333.822



48, 21.653, 302.238



38, 4.649, 333.857



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, 20.740, 335.080



61, 30.681, 335.496



49, 15.701, 3.316



28, 4.617, 333.965



30, 58.707, 342.787



1, 3.097, 333.403

Inverse Universe

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



50, 20.740, 335.080



61, 30.681, 335.496



57, 14.359, 178.472



28, 4.617, 333.965



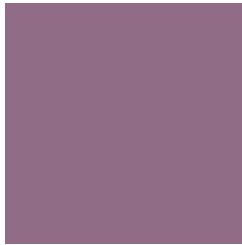
30, 58.707, 342.787



1, 3.097, 333.403

Previews

White Background



This preview shows how the CIELCh color 50, 20.742, 335.079 looks on a white background.

Color Contrast Check

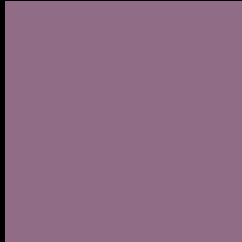
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 20.742, 335.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

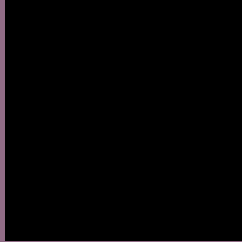
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 20.742, 335.079

Background



This preview shows how black text looks on a background with the CIELCh color 50, 20.742, 335.079.



This preview shows how white text looks on a background with the CIELCh color 50, 20.742, 335.079.

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, 20.742, 335.079

Protanopia

50, 13.482, 287.197

Deuteranopia

50, 10.474, 308.604



Tritanopia
50, 13.584, 1.113

Trichromacy



Original Color
50, 20.742, 335.079

Protanomaly
50, 15.420, 309.188

Deuteranomaly
50, 13.718, 322.406

Tritanomaly
50, 15.941, 348.255

Monochromacy



Original Color
50, 20.742, 335.079

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 7.417, 335.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 20.742, 335.079 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(144, 108, 134)` looks like.

```
.text, #text, p{  
    color:rgb(144, 108, 134)  
}
```

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(144, 108, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 108, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 20.742, 335.079 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(144, 108, 134) }
```

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

```
.border{ border-color:rgb(144, 108, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 108, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 108, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 108, 134);  
box-shadow:4px 4px 4px 4px rgb(144, 108,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 20.742, 335.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 108, 134) }
```

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

```
.background{ background-color: rgb(144,  
108, 134) }
```

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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