

Converting Colors

CIELCh(50, 18.596, 320.265)

Have a look what the booklet for
CIELCh(50, 18.596, 320.265)
contains.

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Color

CIELCh(50, 18.695, 320.320)

Conversions

Conversions Part 1

Format	Color
Hex	866F8B
RGB	134, 111, 139
RGB Percent	53%, 44%, 55%
CMY	0.4731, 0.5633, 0.4535
CMYK	0.04, 0.20, 0.00, 0.45
HSL	289°, 11%, 49%
HSV	289°, 20%, 55%
XYZ	20.2992, 18.4187, 27.0511
YIQ	121.0690, 4.7200, 13.5840

Conversions

Conversions Part 2

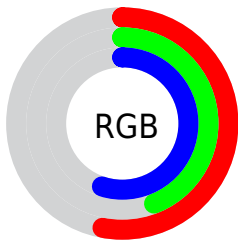
Format	Color
R_{YB}	134, 111, 139
Decimal	8810379
CIE _{Lab}	50.00, 14.39, -11.94
CIE _{LCh}	50, 18.695, 320.320
Yxy	18.4187, 0.3086, 0.2801
Android (android.graphics.Color)	4287000459 (0xFF866F8B)
YUV	121.0690, 8.8400, 11.3405
Hunter-Lab	42.9170, 9.3237, -7.3294

Details

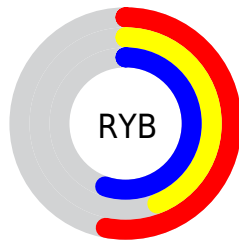
The CIELCh color $50, 18.695, 320.320$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 18.540, 138.472$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 18.698, 319.485$, and $30, 18.786, 320.237$ is the 20% darker color. If you saturate the color by 10%, you get $46, 28.096, 320.758$, and if you desaturate by 10%, it is $54, 9.327, 319.871$.

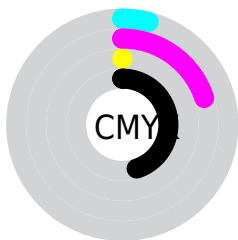
Distribution



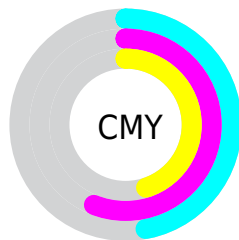
- Red (53%)
- Green (44%)
- Blue (55%)



- Red (53%)
- Yellow (44%)
- Blue (55%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (45%)





- Cyan (47%)
- Magenta (56%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 18.695, 320.320 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, 18.695, 320.320 by changing the saturation by 10% instead.


 50, 18.695,
320.320


 50, 18.695,
320.320


 100, 18.695,
320.320


 40, 18.695,
320.320


 70, 18.695,
320.320

 30, 18.695,
320.320


 80, 18.695,
320.320


 20, 18.695,
320.320

 90, 18.695,
320.320

 10, 18.695,
320.320

 0, 18.695, 320.320

 50, 18.695,
320.320

 50, 18.695,
320.320

46, 28.096,
320.758

54, 9.327, 319.871

43, 37.385,
321.172

58, 0.097, 317.765

62, 8.937, 139.056

39, 46.337,
321.539

66, 17.742,
138.651

36, 54.654,
321.832

70, 26.302,
138.276

33, 61.966,
322.013

74, 34.614,
137.929

31, 67.873,
322.045

79, 42.680,
137.609

29, 72.043,
321.893

83, 50.509,
137.316

28, 74.866,
321.609

87, 58.110,
137.048

Harmonies

Complementary

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



50, 18.695, 320.320



56, 18.540, 138.472

Rectangle

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



50, 18.695, 320.320



50, 18.695, 10.320



50, 18.695, 140.320



50, 18.695, 190.320

Sweetspot

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



50, 18.693, 320.320



71, 6.839, 319.686



49, 13.510, 283.883



37, 4.574, 319.712



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



50, 18.693, 320.320



62, 27.696, 320.515



50, 15.779, 336.344



27, 5.157, 319.827



27, 72.205, 321.638



0, 2.376, 319.447

Inverse Universe

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



50, 11.968, 6.826



62, 17.889, 7.359



55, 15.639, 153.499



27, 3.233, 5.642



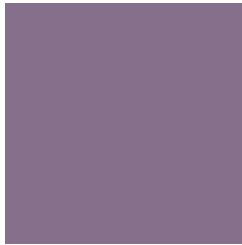
27, 57.160, 29.399



0, 1.466, 4.898

Previews

White Background



This preview shows how the CIELCh color 50, 18.695, 320.320 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, 18.695, 320.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

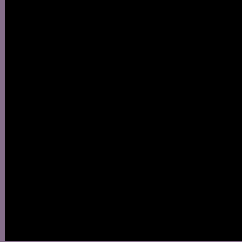
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 18.695, 320.320

Background



This preview shows how black text looks on a background with the CIELCh color 50, 18.695, 320.320.



This preview shows how white text looks on a background with the CIELCh color 50, 18.695, 320.320.

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, 18.695, 320.320

Protanopia

50, 15.280, 285.301

Deuteranopia

50, 13.070, 300.132



Tritanopia
50, 8.991, 344.736

Trichromacy



Original Color
50, 18.695, 320.320

Protanomaly
50, 15.387, 299.064

Deuteranomaly
50, 14.865, 309.841

Tritanomaly
50, 12.307, 331.419

Monochromacy



Original Color
50, 18.695, 320.320

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 7.387, 319.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 18.695, 320.320 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(134, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(134, 111, 139)  
}
```

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(134, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 111, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 18.695, 320.320 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(134, 111, 139) }
```

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

```
.border{ border-color:rgb(134, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(134, 111,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 18.695, 320.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 111, 139) }
```

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

```
.background{ background-color: rgb(134,  
111, 139) }
```

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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