

Converting Colors

CIELCh(45, 21.206, 348.507)

Have a look what the booklet for
CIELCh(45, 21.206, 348.507)
contains.

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Color

CIELCh(45, 21.180, 348.520)

Conversions

Conversions Part 1

Format	Color
Hex	895E72
RGB	137, 94, 114
RGB Percent	54%, 37%, 45%
CMY	0.4627, 0.6313, 0.5529
CMYK	0.00, 0.31, 0.17, 0.46
HSL	332°, 19%, 45%
HSV	332°, 31%, 54%
XYZ	17.3599, 14.5417, 17.8146
YIQ	109.1370, 19.2080, 15.3360

Conversions

Conversions Part 2

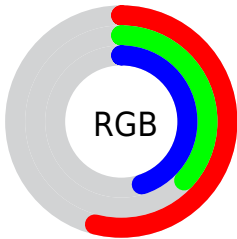
Format	Color
R_{YB}	137, 94, 114
Decimal	9002610
CIE Lab	45.00, 20.76, -4.22
CIE LCh	45, 21.180, 348.520
Yxy	14.5417, 0.3492, 0.2925
Android (android.graphics.Color)	4287192690 (0xFF895E72)
YUV	109.1370, 2.3975, 24.4359
Hunter-Lab	38.1336, 14.5265, -1.0046

Details

The CIELCh color `45, 21.180, 348.520` is a dark color, and the websafe version is hex `996666`. A complement of this color would be `54, 20.258, 162.695`, and the grayscale version is `46, 0.006, 296.813`.

A 20% lighter version of the original color is `65, 21.120, 348.302`, and `25, 21.108, 348.605` is the 20% darker color. If you saturate the color by 10%, you get `41, 27.948, 349.743`, and if you desaturate by 10%, it is `49, 14.331, 347.453`.

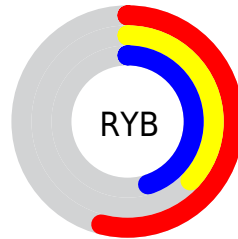
Distribution



Red (54%)

Green (37%)

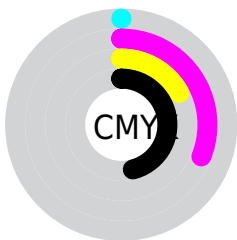
Blue (45%)



Red (54%)

Yellow (37%)

Blue (45%)

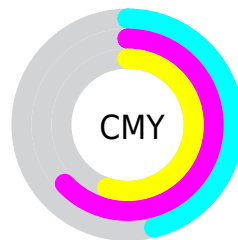


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (46%)



Cyan (46%)


Magenta (63%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 21.180, 348.520 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 45, 21.180, 348.520 by changing the saturation by 10% instead.


 45, 21.180,
348.520


 45, 21.180,
348.520


 100, 21.180,
348.520


 35, 21.180,
348.520

 65, 21.180,
348.520


 25, 21.180,
348.520

 75, 21.180,
348.520

 15, 21.180,
348.520

 85, 21.180,
348.520

 5, 21.180, 348.520

 95, 21.180,
348.520

 0, 21.180, 348.520

 45, 21.180,

 45, 21.180,

348.520

348.520

41, 27.948,
349.743

49, 14.331,
347.453

38, 34.433,
351.172

53, 7.545, 346.492

35, 40.358,
352.883

57, 0.908, 345.340

61, 5.532, 164.979

33, 45.399,
354.981

65, 11.754,
164.247

31, 49.249,
357.601

69, 17.751,
163.593

29, 51.730, 0.900

73, 23.531,
162.992

29, 53.258, 4.111

77, 29.102,
162.437

81, 34.479,

Harmonies

Complementary

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



45, 21.180, 348.520



54, 20.258, 162.695

Rectangle

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



45, 21.180, 348.520



45, 21.180, 38.520



45, 21.180, 168.520



45, 21.180, 218.520

Sweetspot

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



45, 21.178, 348.522



68, 7.383, 346.290



44, 27.276, 311.646



35, 5.119, 346.408



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



45, 21.178, 348.522



55, 31.866, 349.415



45, 18.381, 24.431



27, 3.745, 346.286



28, 52.017, 3.957



0, 1.718, 345.572

Inverse Universe

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



45, 21.178, 348.522



55, 31.866, 349.415



54, 14.875, 201.178



27, 3.745, 346.286



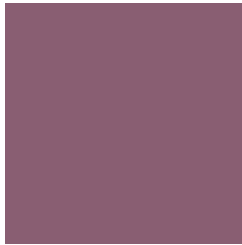
28, 52.017, 3.957



0, 1.718, 345.572

Previews

White Background



This preview shows how the CIELCh color 45, 21.180, 348.520 looks on a white background.

Color Contrast Check

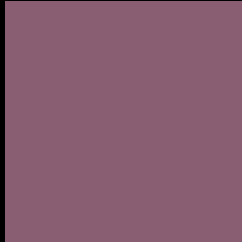
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 45, 21.180, 348.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

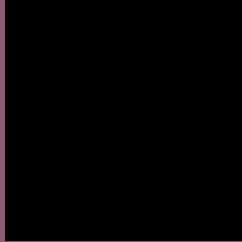
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 21.180, 348.520

Background



This preview shows how black text looks on a background with the CIELCh color 45, 21.180, 348.520.



This preview shows how white text looks on a background with the CIELCh color 45, 21.180, 348.520.

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

45, 21.180, 348.520

Protanopia

45, 9.564, 286.902

Deuteranopia

45, 6.575, 333.776



Tritanopia
45, 17.542, 8.259

Trichromacy



Original Color
45, 21.180, 348.520

Protanomaly
45, 11.634, 320.112

Deuteranomaly
45, 12.207, 341.730

Tritanomaly
45, 18.597, 359.674

Monochromacy



Original Color
45, 21.180, 348.520

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 7.460, 346.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 21.180, 348.520 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(137, 94, 114)` looks like.

```
.text, #text, p{  
    color:rgb(137, 94, 114)  
}
```

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(137, 94, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 94, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 21.180, 348.520 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(137, 94, 114) }
```

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

```
.border{ border-color:rgb(137, 94, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 94, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 94, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 94, 114);  
box-shadow:4px 4px 4px 4px rgb(137, 94,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 21.180, 348.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 94, 114) }
```

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

```
.background{ background-color: rgb(137, 94,  
114) }
```

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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