

Converting Colors

CIELCh(45, 20.269, 347.947)

Have a look what the booklet for
CIELCh(45, 20.269, 347.947)
contains.

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Color

CIELCh(45, 20.190, 348.479)

Conversions

Conversions Part 1

Format	Color
Hex	885F72
RGB	136, 95, 114
RGB Percent	53%, 37%, 45%
CMY	0.4680, 0.6287, 0.5542
CMYK	0.00, 0.30, 0.16, 0.47
HSL	332°, 18%, 45%
HSV	332°, 30%, 53%
XYZ	17.1819, 14.5417, 17.7254
YIQ	109.4250, 18.3370, 14.6010

Conversions

Conversions Part 2

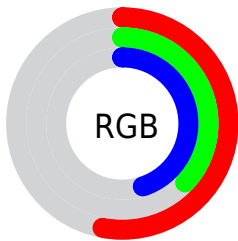
Format	Color
R_{YB}	136, 95, 114
Decimal	8937330
CIE _{Lab}	45.00, 19.78, -4.03
CIE _{LCh}	45, 20.190, 348.479
Yxy	14.5417, 0.3475, 0.2941
Android (android.graphics.Color)	4287127410 (0xFF885F72)
YUV	109.4250, 2.2555, 23.3063
Hunter-Lab	38.1336, 13.6932, -0.8659

Details

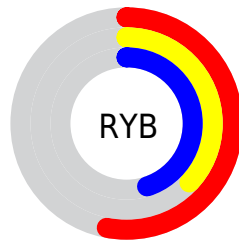
The CIELCh color $45, 20.190, 348.479$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 19.336, 162.913$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 20.181, 348.318$, and $25, 20.075, 348.417$ is the 20% darker color. If you saturate the color by 10%, you get $41, 26.918, 349.683$, and if you desaturate by 10%, it is $49, 13.402, 347.426$.

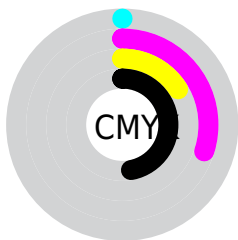
Distribution



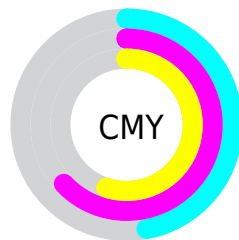
- Red (53%)
- Green (37%)
- Blue (45%)



- Red (53%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (47%)




- Cyan (47%)
- Magenta (63%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 20.190, 348.479 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, 20.190, 348.479 by changing the saturation by 10% instead.


 45, 20.190,
348.479


 45, 20.190,
348.479


 100, 20.190,
348.479


 35, 20.190,
348.479

 65, 20.190,
348.479


 25, 20.190,
348.479

 75, 20.190,
348.479

 15, 20.190,
348.479

 85, 20.190,
348.479

 5, 20.190, 348.479

 95, 20.190,
348.479

 0, 20.190, 348.479

 45, 20.190,

 45, 20.190,

348.479

348.479

41, 26.918,
349.683

49, 13.402,
347.426

38, 33.395,
351.086

53, 6.692, 346.473

35, 39.356,
352.761

56, 0.136, 343.376

60, 6.220, 164.977

33, 44.484,
354.809

65, 12.358,
164.257

31, 48.468,
357.363

69, 18.275,
163.610

29, 51.109, 0.577

73, 23.975,
163.015

28, 52.872, 4.215

77, 29.471,
162.464

81, 34.777,

Harmonies

Complementary

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



45, 20.190, 348.479



53, 19.336, 162.913

Rectangle

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



45, 20.190, 348.479



45, 20.190, 38.479



45, 20.190, 168.479



45, 20.190, 218.479

Sweetspot

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



45, 20.188, 348.481



67, 7.289, 346.380



44, 26.007, 311.586



35, 5.113, 346.500



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, 20.188, 348.481



55, 29.812, 349.253



45, 17.468, 24.308



27, 3.741, 346.377



28, 52.010, 4.106



0, 1.716, 345.663

Inverse Universe

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



45, 20.188, 348.481



55, 29.812, 349.253



53, 14.266, 201.212



27, 3.741, 346.377



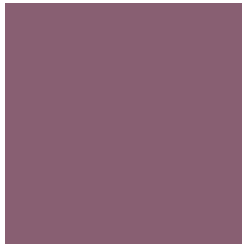
28, 52.010, 4.106



0, 1.716, 345.663

Previews

White Background



This preview shows how the CIELCh color 45, 20.190, 348.479 looks on a white background.

Color Contrast Check

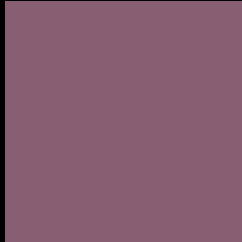
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.190, 348.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

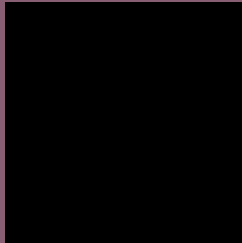
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 20.190, 348.479

Background



This preview shows how black text looks on a background with the CIELCh color 45, 20.190, 348.479.



This preview shows how white text looks on a background with the CIELCh color 45, 20.190, 348.479.

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, 20.190, 348.479

Protanopia

45, 8.952, 288.953

Deuteranopia

45, 6.575, 333.776



Tritanopia
45, 17.211, 5.908

Trichromacy



Original Color
45, 20.190, 348.479

Protanomaly
45, 11.122, 321.602

Deuteranomaly
45, 11.515, 342.675

Tritanomaly
45, 17.784, 358.446

Monochromacy



Original Color
45, 20.190, 348.479

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, 20.190, 348.479 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(136, 95, 114)` looks like.

```
.text, #text, p{  
    color:rgb(136, 95, 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(136, 95, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 95, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 20.190, 348.479 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(136, 95, 114) }
```

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

```
.border{ border-color:rgb(136, 95, 114) }
```

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

Here you see how a box with a 4 pixel rgb(136, 95, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 95, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 95, 114);  
box-shadow:4px 4px 4px 4px rgb(136, 95,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 20.190, 348.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 95, 114) }
```

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

```
.background{ background-color: rgb(136, 95,  
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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