

Converting Colors

CIELCh(45, 20.484, 20.879)

Have a look what the booklet for
CIELCh(45, 20.484, 20.879) contains.

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Color

CIELCh(45, 20.680, 20.594)

Conversions

Conversions Part 1

Format	Color
Hex	8D5E5F
RGB	141, 94, 95
RGB Percent	55%, 37%, 37%
CMY	0.4464, 0.6307, 0.6268
CMYK	0.00, 0.33, 0.33, 0.45
HSL	359°, 20%, 46%
HSV	359°, 33%, 55%
XYZ	17.1046, 14.5417, 12.7702
YIQ	108.1670, 27.6910, 10.2750

Conversions

Conversions Part 2

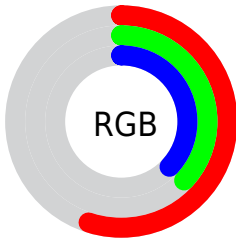
Format	Color
R_{YB}	141, 94, 95
Decimal	9264735
CIE _{Lab}	45.00, 19.36, 7.27
CIE _{LCh}	45, 20.680, 20.594
Yxy	14.5417, 0.3851, 0.3274
Android (android.graphics.Color)	4287454815 (0xFF8D5E5F)
YUV	108.1670, -6.4913, 28.7945
Hunter-Lab	38.1336, 13.3313, 6.8385

Details

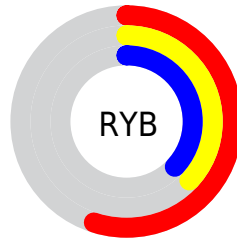
The CIELCh color **45, 20.680, 20.594** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55, 16.698, 195.837**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 20.695, 21.433**, and **25, 20.668, 20.385** is the 20% darker color. If you saturate the color by 10%, you get **41, 27.758, 22.082**, and if you desaturate by 10%, it is **49, 13.972, 19.438**.

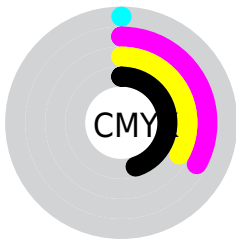
Distribution



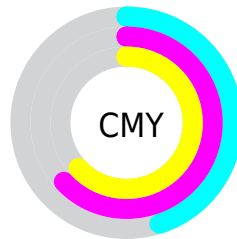
- Red (55%)
- Green (37%)
- Blue (37%)



- Red (55%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (45%)





















- Cyan (45%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 20.680, 20.594 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, 20.680, 20.594 by changing the saturation by 10% instead.

 45, 20.680, 20.594	 45, 20.680, 20.594
 100, 20.680, 20.594	 35, 20.680, 20.594
 65, 20.680, 20.594	 25, 20.680, 20.594
 75, 20.680, 20.594	 15, 20.680, 20.594
 85, 20.680, 20.594	 5, 20.680, 20.594
 95, 20.680, 20.594	 0, 20.680, 20.594

 45, 20.680, 20.594	 45, 20.680, 20.594
 41, 27.758, 22.082	 49, 13.972, 19.438
 38, 35.103, 23.991	 53, 7.689, 18.511

■ 35, 42.542, 26.428

■ 57, 1.839, 17.621

■ 32, 49.843, 29.461

■ 62, 3.596, 197.396

■ 30, 56.708, 33.009

■ 66, 8.646, 196.862

■ 29, 62.610, 36.617

■ 70, 13.349,
196.462

■ 29, 65.754, 38.251

■ 75, 17.742,
196.135

■ 79, 21.862,
195.863

■ 83, 25.741,
195.633

Harmonies

Complementary

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



45, 20.680, 20.594



55, 16.698, 195.837

Rectangle

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



45, 20.680, 20.594



45, 20.680, 70.594



45, 20.680, 200.594



45, 20.680, 250.594

Sweetspot

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



45, 20.678, 20.598



69, 7.083, 18.256



46, 32.537, 325.223



35, 4.837, 18.357



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



45, 20.678, 20.598



55, 31.541, 21.684



51, 17.056, 67.898



28, 3.245, 18.172



27, 63.455, 37.962



0, 2.123, 17.642

Inverse Universe

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



45, 20.678, 20.598



55, 31.541, 21.684



49, 15.290, 256.776



28, 3.245, 18.172



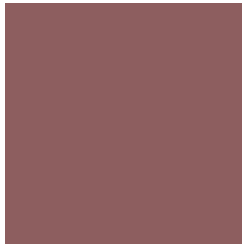
27, 63.455, 37.962



0, 2.123, 17.642

Previews

White Background



This preview shows how the CIELCh color 45, 20.680, 20.594 looks on a white background.

Color Contrast Check

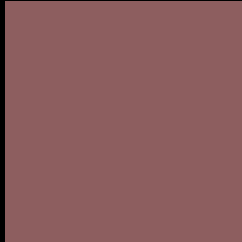
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.680, 20.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

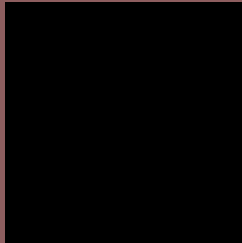
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 20.680, 20.594

Background



This preview shows how black text looks on a background with the CIELCh color 45, 20.680, 20.594.



This preview shows how white text looks on a background with the CIELCh color 45, 20.680, 20.594.

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, 20.680, 20.594

Protanopia

45, 2.896, 74.505

Deuteranopia

45, 9.917, 52.624



Tritanopia
45, 21.493, 11.460

Trichromacy



Original Color
45, 20.680, 20.594

Protanomaly
45, 8.221, 28.631

Deuteranomaly
45, 13.299, 36.300

Tritanomaly
45, 21.466, 14.588

Monochromacy



Original Color
45, 20.680, 20.594

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 7.192, 20.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 20.680, 20.594 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(141, 94, 95)` looks like.

```
.text, #text, p{  
    color:rgb(141, 94, 95)  
}
```

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(141, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 94, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 20.680, 20.594 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(141, 94, 95) }
```

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

```
.border{ border-color:rgb(141, 94, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 94, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(141, 94,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 20.680, 20.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 94, 95) }
```

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

```
.background{ background-color: rgb(141, 94,  
95) }
```

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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