

Converting Colors

CIELCh(45, 16.520, 346.686)

Have a look what the booklet for
CIELCh(45, 16.520, 346.686)
contains.

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Color

CIELCh(45, 16.545, 346.703)

Conversions

Conversions Part 1

Format	Color
Hex	826171
RGB	130, 97, 113
RGB Percent	51%, 38%, 44%
CMY	0.4894, 0.6189, 0.5561
CMYK	0.00, 0.25, 0.13, 0.49
HSL	331°, 15%, 45%
HSV	331°, 25%, 51%
XYZ	16.5193, 14.5417, 17.6150
YIQ	108.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

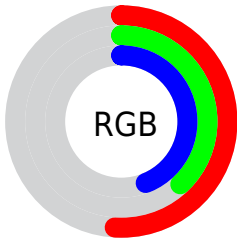
Format	Color
R_{YB}	130, 97, 113
Decimal	8544625
CIE _{Lab}	45.00, 16.10, -3.81
CIE _{LCh}	45, 16.545, 346.703
Yxy	14.5417, 0.3394, 0.2987
Android (android.graphics.Color)	4286734705 (0xFF826171)
YUV	108.6910, 2.1243, 18.6880
Hunter-Lab	38.1336, 10.5918, -0.6943

Details

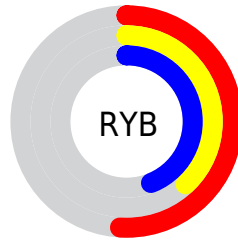
The CIELCh color $45, 16.545, 346.703$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 16.011, 162.270$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 16.415, 346.090$, and $25, 16.590, 346.901$ is the 20% darker color. If you saturate the color by 10%, you get $41, 23.161, 347.791$, and if you desaturate by 10%, it is $49, 9.929, 345.736$.

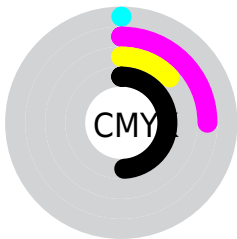
Distribution



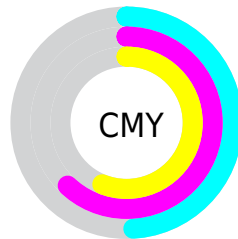
- Red (51%)
- Green (38%)
- Blue (44%)



- Red (51%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (49%)





- Cyan (49%)
- Magenta (62%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 16.545, 346.703 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, 16.545, 346.703 by changing the saturation by 10% instead.


 45, 16.545,
346.703


 45, 16.545,
346.703


 100, 16.545,
346.703


 35, 16.545,
346.703

 65, 16.545,
346.703


 25, 16.545,
346.703

 75, 16.545,
346.703

 15, 16.545,
346.703


 85, 16.545,
346.703

 5, 16.545, 346.703

 95, 16.545,
346.703

 0, 16.545, 346.703

 45, 16.545,

 45, 16.545,

346.703

346.703

41, 23.161,
347.791

49, 9.929, 345.736

38, 29.624,
349.035

52, 3.421, 344.820

35, 35.707,
350.495

56, 2.918, 164.230

33, 41.122,
352.250

64, 14.989,
162.778

30, 45.553,
354.406

68, 20.709,
162.165

29, 48.734,
357.103

72, 26.227,
161.599

28, 50.638, 0.444

76, 31.553,
161.073

27, 51.463, 2.040

80, 36.702,
160.582

Harmonies

Complementary

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



45, 16.545, 346.703



52, 16.011, 162.270

Rectangle

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



45, 16.545, 346.703



45, 16.545, 36.703



45, 16.545, 166.703



45, 16.545, 216.703

Sweetspot

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



45, 16.543, 346.705



65, 6.329, 345.084



44, 20.870, 310.230



33, 4.484, 345.203



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



45, 16.543, 346.705



55, 24.215, 347.266



45, 14.358, 21.272



26, 3.676, 345.172



27, 51.421, 2.035



0, 0.871, 344.475

Inverse Universe

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



45, 16.543, 346.705



55, 24.215, 347.266



52, 12.197, 198.182



26, 3.676, 345.172



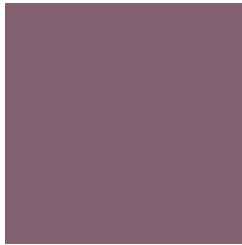
27, 51.421, 2.035



0, 0.871, 344.475

Previews

White Background



This preview shows how the CIELCh color 45, 16.545, 346.703 looks on a white background.

Color Contrast Check

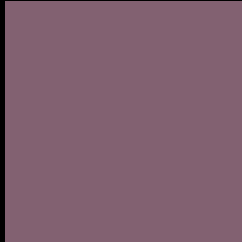
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.545, 346.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

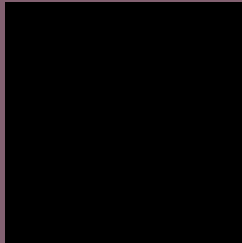
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 16.545, 346.703

Background



This preview shows how black text looks on a background with the CIELCh color 45, 16.545, 346.703.



This preview shows how white text looks on a background with the CIELCh color 45, 16.545, 346.703.

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, 16.545, 346.703

Protanopia

45, 7.762, 288.389

Deuteranopia

45, 6.575, 333.776



Tritanopia
45, 13.875, 1.355

Trichromacy



Original Color
45, 16.545, 346.703

Protanomaly
45, 9.493, 318.866

Deuteranomaly
45, 9.829, 343.487

Tritanomaly
45, 14.460, 354.614

Monochromacy



Original Color
45, 16.545, 346.703

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 6.102, 344.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 16.545, 346.703 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(130, 97, 113)` looks like.

```
.text, #text, p{  
    color:rgb(130, 97, 113)  
}
```

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(130, 97, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 97, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 16.545, 346.703 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(130, 97, 113) }
```

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

```
.border{ border-color:rgb(130, 97, 113) }
```

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

Here you see how a box with a 4 pixel rgb(130, 97, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 97, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 97, 113);  
box-shadow:4px 4px 4px 4px rgb(130, 97,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 16.545, 346.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 97, 113) }
```

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

```
.background{ background-color: rgb(130, 97,  
113) }
```

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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