

Converting Colors

CIELCh(45, 11.468, 326.528)

Have a look what the booklet for
CIELCh(45, 11.468, 326.528)
contains.

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Color

CIELCh(45, 11.063, 326.877)

Conversions

Conversions Part 1

Format	Color
Hex	766675
RGB	118, 102, 117
RGB Percent	46%, 40%, 46%
CMY	0.5386, 0.6013, 0.5425
CMYK	0.00, 0.14, 0.01, 0.54
HSL	304°, 7%, 43%
HSV	304°, 14%, 46%
XYZ	15.3347, 14.5417, 18.7237
YIQ	108.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

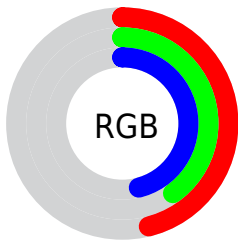
Format	Color
R_{YB}	118, 102, 117
Decimal	7759477
CIE Lab	45.00, 9.27, -6.05
CIE LCh	45, 11.063, 326.877
Yxy	14.5417, 0.3155, 0.2992
Android (android.graphics.Color)	4285949557 (0xFF766675)
YUV	108.4940, 4.1935, 8.3368
Hunter-Lab	38.1336, 5.0465, -2.4180

Details

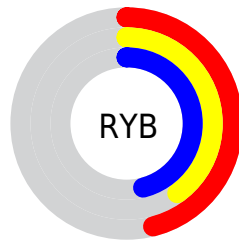
The CIELCh color $45, 11.063, 326.877$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 11.045, 145.379$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 11.009, 326.591$, and $25, 11.345, 327.354$ is the 20% darker color. If you saturate the color by 10%, you get $42, 19.251, 327.427$, and if you desaturate by 10%, it is $48, 2.906, 326.292$.

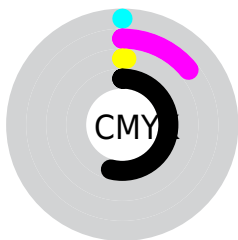
Distribution



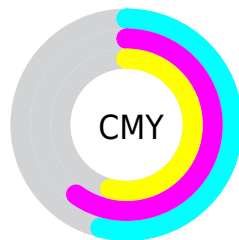
- Red (46%)
- Green (40%)
- Blue (46%)



- Red (46%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (54%)





- Cyan (54%)
- Magenta (60%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 11.063, 326.877 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, 11.063, 326.877 by changing the saturation by 10% instead.


 45, 11.063,
326.877


 45, 11.063,
326.877


 100, 11.063,
326.877


 35, 11.063,
326.877

 65, 11.063,
326.877


 25, 11.063,
326.877

 75, 11.063,
326.877

 15, 11.063,
326.877

 85, 11.063,
326.877

 5, 11.063, 326.877

 95, 11.063,
326.877

 0, 11.063, 326.877

 45, 11.063,

 45, 11.063,

326.877

42, 19.251,
327.427

39, 27.344,
327.967

36, 35.157,
328.491

33, 42.451,
328.990

31, 48.942,
329.453

29, 54.328,
329.872

28, 58.347,
330.245

27, 60.892,
330.574

326.877

48, 2.906, 326.292

52, 5.127, 145.864

55, 12.984,
145.330

59, 20.633,
144.833

62, 28.059,
144.361

66, 35.260,
143.913

69, 42.239,
143.491

73, 49.004,
143.093

■ 27, 62.256,
330.774

■ 76, 55.565,
142.720

Harmonies

Complementary

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



45, 11.063, 326.877



48, 11.045, 145.379

Rectangle

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



45, 11.063, 326.877



45, 11.063, 16.877



45, 11.063, 146.877



45, 11.063, 196.877

Sweetspot

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



45, 11.061, 326.877



62, 4.017, 326.327



44, 9.619, 293.403



31, 2.839, 326.368



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



45, 11.061, 326.877



57, 16.168, 327.033



45, 7.894, 347.553



23, 4.559, 326.623



28, 64.030, 330.785



58, 108.272, 330.936

Inverse Universe

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



45, 11.061, 326.877



57, 16.168, 327.033



48, 7.732, 165.333



23, 4.559, 326.623



28, 64.030, 330.785



58, 108.272, 330.936

Previews

White Background



This preview shows how the CIELCh color 45, 11.063, 326.877 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 45, 11.063, 326.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

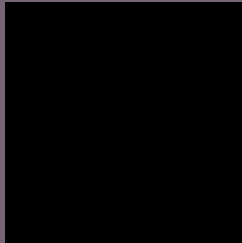
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 11.063, 326.877

Background



This preview shows how black text looks on a background with the CIELCh color 45, 11.063, 326.877.



This preview shows how white text looks on a background with the CIELCh color 45, 11.063, 326.877.

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, 11.063, 326.877

Protanopia

45, 7.762, 288.389

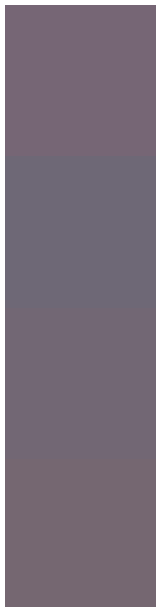
Deuteranopia

45, 7.887, 315.063



Tritanopia
45, 7.486, 340.853

Trichromacy



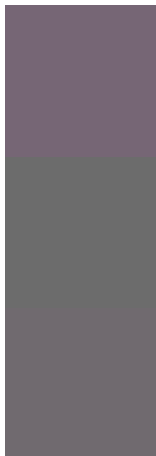
Original Color
45, 11.063, 326.877

Protanomaly
45, 8.733, 307.083

Deuteranomaly
45, 8.974, 320.646

Tritanomaly
45, 8.280, 334.458

Monochromacy



Original Color
45, 11.063, 326.877

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 3.876, 329.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 11.063, 326.877 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(118, 102, 117)` looks like.

```
.text, #text, p{  
    color:rgb(118, 102, 117)  
}
```

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(118, 102, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 102, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 11.063, 326.877 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(118, 102, 117) }
```

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

```
.border{ border-color:rgb(118, 102, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 102, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 102, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 102, 117);  
box-shadow:4px 4px 4px 4px rgb(118, 102,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 11.063, 326.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 102, 117) }
```

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

```
.background{ background-color: rgb(118,  
102, 117) }
```

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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