

Converting Colors

CIELCh(45, 7.025, 94.461)

Have a look what the booklet for
CIELCh(45, 7.025, 94.461) contains.

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Color

CIELCh(45, 6.751, 94.533)

Conversions

Conversions Part 1

Format	Color
Hex	6E6A5F
RGB	110, 106, 95
RGB Percent	43%, 42%, 37%
CMY	0.5674, 0.5830, 0.6262
CMYK	0.00, 0.04, 0.14, 0.57
HSL	44°, 7%, 40%
HSV	44°, 14%, 43%
XYZ	13.7375, 14.5417, 12.9843
YIQ	105.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

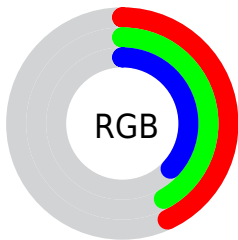
Format	Color
RYB	100, 110, 95
Decimal	7236191
CIELab	45.00, -0.53, 6.73
CIELCh	45, 6.751, 94.533
Yxy	14.5417, 0.3329, 0.3524
Android (android.graphics.Color)	4285426271 (0xFF6E6A5F)
YUV	105.9420, -5.3944, 3.5589
Hunter-Lab	38.1336, -2.4298, 6.5056

Details

The CIELCh color $45, 6.751, 94.533$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 6.801, 277.779$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 6.923, 92.858$, and $25, 6.713, 96.336$ is the 20% darker color. If you saturate the color by 10%, you get $44, 11.792, 93.375$, and if you desaturate by 10%, it is $46, 1.772, 95.631$.

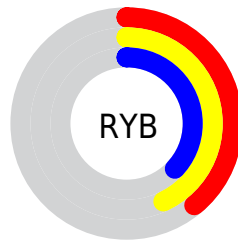
Distribution



Red (43%)

Green (42%)

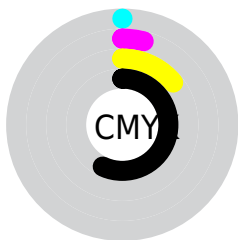
Blue (37%)



Red (39%)

Yellow (43%)

Blue (37%)

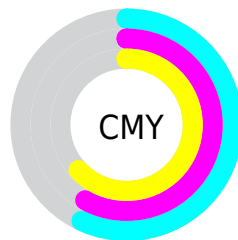


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 6.751, 94.533 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, 6.751, 94.533 by changing the saturation by 10% instead.

 45, 6.751, 94.533	 45, 6.751, 94.533
 100, 6.751, 94.533	 35, 6.751, 94.533
 65, 6.751, 94.533	 25, 6.751, 94.533
 75, 6.751, 94.533	 15, 6.751, 94.533
 85, 6.751, 94.533	 5, 6.751, 94.533
 95, 6.751, 94.533	 0, 6.751, 94.533

 45, 6.751, 94.533	 45, 6.751, 94.533
 44, 11.792, 93.375	 46, 1.772, 95.631
 43, 16.875, 92.168	 47, 3.140, 276.843
 42, 21.969, 90.929	 49, 7.983, 277.874

41, 27.009, 89.660

50, 12.758,
278.878

40, 31.888, 88.356

51, 17.467,
279.840

39, 36.417, 87.000

38, 40.305, 85.553

52, 22.115,
280.756

37, 43.233, 83.960

53, 26.703,
281.626

36, 45.155, 83.009

55, 31.237,
282.451

56, 35.717,
283.233

Harmonies

Complementary

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



45, 6.751, 94.533



42, 6.801, 277.779

Rectangle

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



45, 6.751, 94.533



45, 6.751, 144.533



45, 6.751, 274.533



45, 6.751, 324.533

Sweetspot

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



45, 6.752, 94.544



59, 2.433, 95.583



42, 6.785, 359.524



30, 1.718, 95.524



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



45, 6.752, 94.544



57, 9.832, 94.219



46, 9.001, 118.452



23, 2.820, 95.062



39, 47.870, 82.798



78, 81.429, 81.448

Inverse Universe

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



42, 6.801, 277.779



53, 9.913, 278.162



41, 9.243, 300.155



22, 2.838, 277.193



17, 59.456, 298.669



39, 107.336, 300.474

Previews

White Background



This preview shows how the CIELCh color 45, 6.751, 94.533 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, 6.751, 94.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

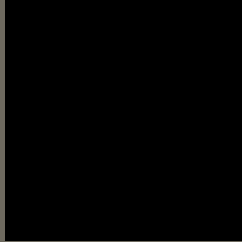
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 6.751, 94.533

Background



This preview shows how black text looks on a background with the CIELCh color 45, 6.751, 94.533.

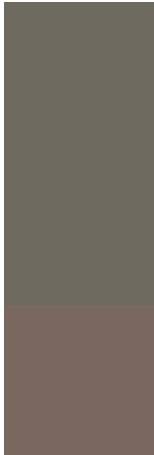


This preview shows how white text looks on a background with the CIELCh color 45, 6.751, 94.533.

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

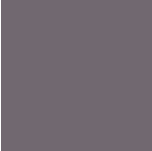
45, 6.751, 94.533

Protanopia

45, 6.872, 91.048

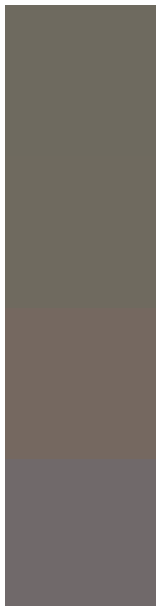
Deuteranopia

45, 8.872, 48.001



Tritanopia
45, 6.045, 328.018

Trichromacy



Original Color
45, 6.751, 94.533

Protanomaly
45, 6.872, 91.048

Deuteranomaly
45, 7.367, 59.913

Tritanomaly
45, 2.966, 8.101

Monochromacy



Original Color
45, 6.751, 94.533

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 2.512, 90.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 6.751, 94.533 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(110, 106, 95)` looks like.

```
.text, #text, p{  
    color:rgb(110, 106, 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(110, 106, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 106, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 6.751, 94.533 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(110, 106, 95) }
```

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

```
.border{ border-color:rgb(110, 106, 95) }
```

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

Here you see how a box with a 4 pixel rgb(110, 106, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 106, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 106, 95);  
box-shadow:4px 4px 4px 4px rgb(110, 106,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 6.751, 94.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 106, 95) }
```

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

```
.background{ background-color: rgb(110,  
106, 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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