

Converting Colors

CIELCh(45, 14.710, 143.370)

Have a look what the booklet for
CIELCh(45, 14.710, 143.370)
contains.

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Color

CIELCh(45, 14.574, 143.392)

Conversions

Conversions Part 1

Format	Color
Hex	5C705C
RGB	92, 112, 92
RGB Percent	36%, 44%, 36%
CMY	0.6405, 0.5621, 0.6405
CMYK	0.18, 0.00, 0.18, 0.56
HSL	120°, 10%, 40%
HSV	120°, 18%, 44%
XYZ	12.0574, 14.5417, 12.2236
YIQ	103.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

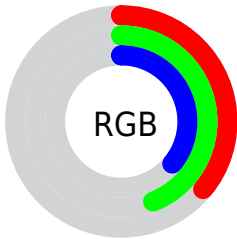
Format	Color
R_{YB}	92, 112, 112
Decimal	6058076
CIE _{Lab}	45.00, -11.70, 8.69
CIE _{LCh}	45, 14.574, 143.392
Yxy	14.5417, 0.3106, 0.3746
Android (android.graphics.Color)	4284248156 (0xFF5C705C)
YUV	103.7400, -5.7878, -10.2960
Hunter-Lab	38.1336, -10.2942, 7.6882

Details

The CIELCh color $45, 14.574, 143.392$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 14.588, 325.361$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 14.937, 143.656$, and $25, 14.454, 142.802$ is the 20% darker color. If you saturate the color by 10%, you get $44, 22.740, 142.654$, and if you desaturate by 10%, it is $46, 6.400, 144.038$.

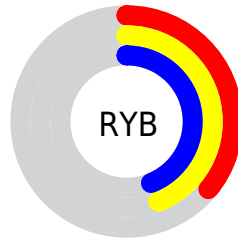
Distribution



Red (36%)

Green (44%)

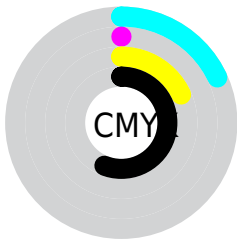
Blue (36%)



Red (36%)

Yellow (44%)

Blue (44%)

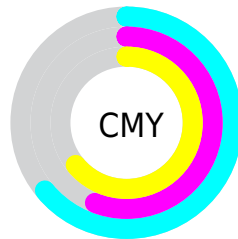


Cyan (18%)

Magenta (0%)

Yellow (18%)

Black (56%)



Cyan (64%)


Magenta (56%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 14.574, 143.392 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, 14.574, 143.392 by changing the saturation by 10% instead.


 45, 14.574,
143.392


 45, 14.574,
143.392


 100, 14.574,
143.392


 35, 14.574,
143.392

 65, 14.574,
143.392


 25, 14.574,
143.392

 75, 14.574,
143.392

 15, 14.574,
143.392


 85, 14.574,
143.392

 5, 14.574, 143.392

 95, 14.574,
143.392

 0, 14.574, 143.392

 45, 14.574,

 45, 14.574,

143.392

143.392

■ 44, 22.740,
142.654

■ 46, 6.400, 144.038

■ 43, 30.766,
141.808

■ 47, 1.691, 324.451

■ 42, 38.487,
140.855

■ 49, 9.631, 324.992

■ 42, 45.695,
139.814

■ 50, 17.373,
325.391

■ 41, 52.142,
138.734

■ 52, 24.893,
325.728

■ 41, 57.539,
137.703

■ 53, 32.175,
326.015

■ 41, 61.595,
136.842

■ 55, 39.216,
326.261

■ 40, 64.532,
136.168

■ 57, 46.020,
326.473

■ 59, 52.592,

■ 40, 65.161,
136.018

326.656

Harmonies

Complementary

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



45, 14.574, 143.392



42, 14.588, 325.361

Rectangle

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



45, 14.574, 143.392



45, 14.574, 193.392



45, 14.574, 323.392



45, 14.574, 13.392

Sweetspot

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



45, 14.575, 143.392



60, 5.013, 144.210



47, 11.762, 108.540



31, 3.449, 144.176



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



45, 14.575, 143.392



57, 21.240, 143.135



45, 10.114, 162.205



23, 4.575, 143.970



43, 68.531, 136.018



85, 117.044, 136.017

Inverse Universe

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



42, 14.588, 325.361



52, 21.254, 325.552



41, 10.332, 345.097



22, 4.583, 324.888



28, 66.118, 328.237



59, 112.920, 328.237

Previews

White Background



This preview shows how the CIELCh color 45, 14.574, 143.392 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, 14.574, 143.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

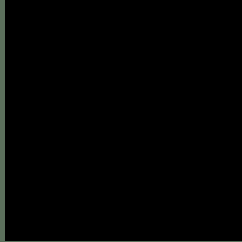
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 14.574, 143.392

Background



This preview shows how black text looks on a background with the CIELCh color 45, 14.574, 143.392.



This preview shows how white text looks on a background with the CIELCh color 45, 14.574, 143.392.

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

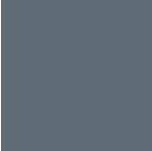
45, 14.574, 143.392

Protanopia

45, 10.426, 94.136

Deuteranopia

45, 9.599, 49.784



Tritanopia
45, 6.987, 249.529

Trichromacy



Original Color
45, 14.574, 143.392

Protanomaly
45, 10.749, 115.571

Deuteranomaly
45, 7.909, 96.471

Tritanomaly
45, 5.996, 193.017

Monochromacy



Original Color
45, 14.574, 143.392

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.118, 144.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 14.574, 143.392 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(92, 112, 92)` looks like.

```
.text, #text, p{  
    color:rgb(92, 112, 92)  
}
```

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(92, 112, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 112, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 14.574, 143.392 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(92, 112, 92) }
```

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

```
.border{ border-color:rgb(92, 112, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 112, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 112,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 14.574, 143.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 112, 92) }
```

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

```
.background{ background-color: rgb(92, 112,  
92) }
```

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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