

Converting Colors

CIELCh(45, 30.630, 317.185)

Have a look what the booklet for
CIELCh(45, 30.630, 317.185)
contains.

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Color

CIELCh(45, 30.630, 317.185)

Conversions

Conversions Part 1

Format	Color
Hex	7F5E8D
RGB	127, 94, 141
RGB Percent	50%, 37%, 55%
CMY	0.5005, 0.6300, 0.4456
CMYK	0.10, 0.33, 0.00, 0.45
HSL	282°, 20%, 46%
HSV	282°, 33%, 55%
XYZ	17.6762, 14.5417, 27.2191
YIQ	109.2250, 4.5810, 21.6130

Conversions

Conversions Part 2

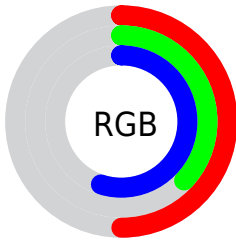
Format	Color
R_{YB}	127, 94, 141
Decimal	8347277
CIE _{Lab}	45.00, 22.47, -20.82
CIE _{LCh}	45, 30.630, 317.185
Yxy	14.5417, 0.2974, 0.2447
Android (android.graphics.Color)	4286537357 (0xFF7F5E8D)
YUV	109.2250, 15.6651, 15.5887
Hunter-Lab	38.1336, 16.0070, -15.6267

Details

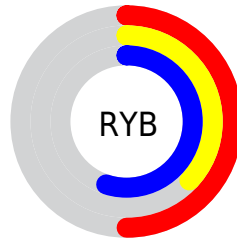
The CIELCh color $45, 30.630, 317.185$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 29.907, 134.244$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 30.566, 316.820$, and $25, 30.929, 317.052$ is the 20% darker color. If you saturate the color by 10%, you get $41, 39.894, 317.587$, and if you desaturate by 10%, it is $49, 21.295, 316.761$.

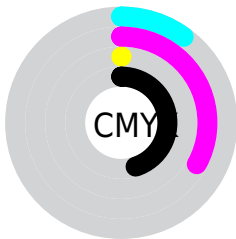
Distribution



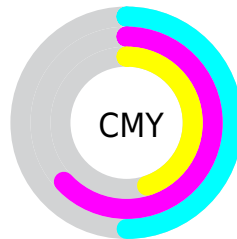
- Red (50%)
- Green (37%)
- Blue (55%)



- Red (50%)
- Yellow (37%)
- Blue (55%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)
- Black (45%)





- Cyan (50%)
- Magenta (63%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 30.630, 317.185 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, 30.630, 317.185 by changing the saturation by 10% instead.


 45, 30.630,
317.185


 45, 30.630,
317.185


 100, 30.630,
317.185


 35, 30.630,
317.185

 65, 30.630,
317.185


 25, 30.630,
317.185

 75, 30.630,
317.185

 15, 30.630,
317.185

 85, 30.630,
317.185

 5, 30.630, 317.185

 95, 30.630,
317.185

 0, 30.630, 317.185

 45, 30.630,

 45, 30.630,

317.185

41, 39.894,
317.587

37, 48.880,
317.939

34, 57.280,
318.202

31, 64.696,
318.325

29, 70.673,
318.248

27, 74.816,
317.915

26, 77.073,
317.635

317.185

49, 21.295,
316.761

53, 12.035,
316.333

57, 2.932, 315.887

62, 5.963, 135.569

66, 14.625,
135.192

70, 23.044,
134.854

74, 31.220,
134.547

79, 39.157,
134.269

■ 83, 46.865,
134.018

Harmonies

Complementary

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



45, 30.630, 317.185



55, 29.907, 134.244

Rectangle

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



45, 30.630, 317.185



45, 30.630, 7.185



45, 30.630, 137.185



45, 30.630, 187.185

Sweetspot

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



45, 30.628, 317.185



69, 11.199, 316.203



46, 19.998, 278.681



35, 7.623, 316.255



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, 30.628, 317.185



54, 45.664, 317.493



46, 28.643, 332.609



28, 5.145, 316.159



24, 74.579, 317.674



0, 3.444, 315.802

Inverse Universe

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



45, 21.307, 359.757



55, 31.952, 0.909



55, 28.524, 148.030



28, 3.501, 356.894



28, 54.321, 19.698



0, 2.323, 356.110

Previews

White Background



This preview shows how the CIELCh color 45, 30.630, 317.185 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, 30.630, 317.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

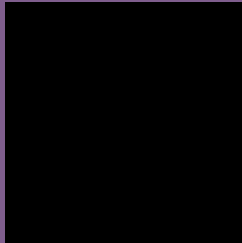
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 30.630, 317.185

Background



This preview shows how black text looks on a background with the CIELCh color 45, 30.630, 317.185.



This preview shows how white text looks on a background with the CIELCh color 45, 30.630, 317.185.

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, 30.630, 317.185

Protanopia

45, 26.982, 285.366

Deuteranopia

45, 20.341, 286.981



Tritanopia
45, 9.936, 352.150

Trichromacy



Original Color
45, 30.630, 317.185

Protanomaly
45, 27.585, 296.780

Deuteranomaly
45, 23.576, 300.362

Tritanomaly
45, 16.505, 329.014

Monochromacy



Original Color
45, 30.630, 317.185

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 11.241, 316.474

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 45, 30.630, 317.185 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(127, 94, 141)` looks like.

```
.text, #text, p{  
    color:rgb(127, 94, 141)  
}
```

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(127, 94, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 94, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 30.630, 317.185 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(127, 94, 141) }
```

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

```
.border{ border-color:rgb(127, 94, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 94, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 94, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 94, 141);  
box-shadow:4px 4px 4px 4px rgb(127, 94,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 30.630, 317.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 94, 141) }
```

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

```
.background{ background-color: rgb(127, 94,  
141) }
```

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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