

Converting Colors

CIELCh(45, 22.331, 2.931)

Have a look what the booklet for
CIELCh(45, 22.331, 2.931) contains.

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Color

CIELCh(45, 22.423, 2.768)

Conversions

Conversions Part 1

Format	Color
Hex	8E5C69
RGB	142, 92, 105
RGB Percent	56%, 36%, 41%
CMY	0.4414, 0.6376, 0.5867
CMYK	0.00, 0.35, 0.26, 0.44
HSL	344°, 21%, 46%
HSV	344°, 35%, 56%
XYZ	17.6629, 14.5417, 15.3494
YIQ	108.4320, 25.6270, 14.6430

Conversions

Conversions Part 2

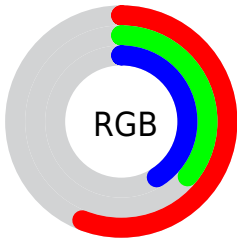
Format	Color
R_{YB}	142, 92, 105
Decimal	9329769
CIE _{Lab}	45.00, 22.40, 1.08
CIE _{LCh}	45, 22.423, 2.768
Yxy	14.5417, 0.3714, 0.3058
Android (android.graphics.Color)	4287519849 (0xFF8E5C69)
YUV	108.4320, -1.6920, 29.4391
Hunter-Lab	38.1336, 15.9445, 2.8283

Details

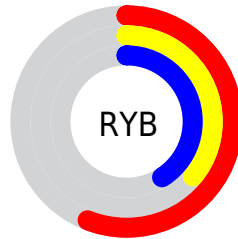
The CIELCh color $45, 22.423, 2.768$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 19.933, 175.433$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 22.413, 3.174$, and $25, 22.280, 2.726$ is the 20% darker color. If you saturate the color by 10%, you get $41, 29.109, 4.429$, and if you desaturate by 10%, it is $49, 15.781, 1.393$.

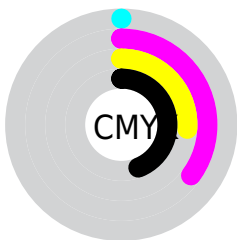
Distribution



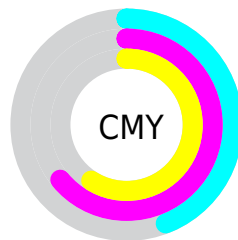
- Red (56%)
- Green (36%)
- Blue (41%)



- Red (56%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (44%)



- Cyan (44%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 22.423, 2.768 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, 22.423, 2.768 by changing the saturation by 10% instead.

■ 45, 22.423, 2.768 ■ 45, 22.423, 2.768

■ 100, 22.423, 2.768 ■ 35, 22.423, 2.768

■ 65, 22.423, 2.768 ■ 25, 22.423, 2.768

■ 75, 22.423, 2.768 ■ 15, 22.423, 2.768

■ 85, 22.423, 2.768 ■ 5, 22.423, 2.768

■ 95, 22.423, 2.768 ■ 0, 22.423, 2.768

■ 45, 22.423, 2.768 ■ 45, 22.423, 2.768

■ 41, 29.109, 4.429 ■ 49, 15.781, 1.393

■ 38, 35.653, 6.466 ■ 53, 9.312, 0.220

■ 35, 41.805, 9.009 ■ 57, 3.088, 359.143

■ 33, 47.295, 12.210

■ 61, 2.861, 178.533

■ 31, 51.922, 16.209

■ 65, 8.527, 177.678

■ 30, 55.701, 21.018

■ 70, 13.918,
176.976

■ 29, 57.564, 23.332

■ 74, 19.050,
176.351

■ 78, 23.944,
175.786

■ 83, 28.621,
175.271

Harmonies

Complementary

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



45, 22.423, 2.768



55, 19.933, 175.433

Rectangle

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



45, 22.423, 2.768



45, 22.423, 52.768



45, 22.423, 182.768



45, 22.423, 232.768

Sweetspot

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



45, 22.421, 2.771



70, 8.355, 359.801



45, 32.767, 318.242



36, 5.673, 359.929



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



45, 22.421, 2.771



55, 33.647, 4.031



48, 18.619, 42.613



28, 3.439, 359.584



28, 55.306, 23.027



0, 2.278, 358.802

Inverse Universe

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



45, 22.421, 2.771



55, 33.647, 4.031



52, 14.750, 225.765



28, 3.439, 359.584



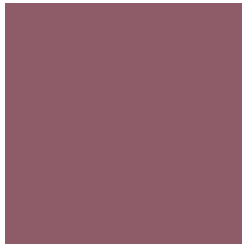
28, 55.306, 23.027



0, 2.278, 358.802

Previews

White Background



This preview shows how the CIELCh color 45, 22.423, 2.768 looks on a white background.

Color Contrast Check

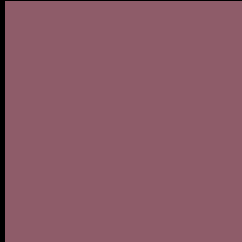
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.423, 2.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

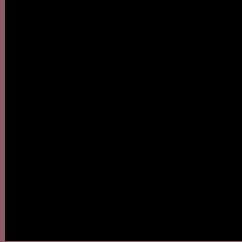
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 22.423, 2.768

Background



This preview shows how black text looks on a background with the CIELCh color 45, 22.423, 2.768.



This preview shows how white text looks on a background with the CIELCh color 45, 22.423, 2.768.

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, 22.423, 2.768

Protanopia

45, 4.205, 296.235

Deuteranopia

45, 6.330, 20.144



Tritanopia
45, 21.493, 11.460

Trichromacy



Original Color
45, 22.423, 2.768

Protanomaly
45, 9.513, 346.396

Deuteranomaly
45, 12.221, 7.030

Tritanomaly
45, 21.590, 8.352

Monochromacy



Original Color
45, 22.423, 2.768

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 8.067, 358.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 22.423, 2.768 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(142, 92, 105)` looks like.

```
.text, #text, p{  
    color:rgb(142, 92, 105)  
}
```

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(142, 92, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 92, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 22.423, 2.768 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(142, 92, 105) }
```

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

```
.border{ border-color:rgb(142, 92, 105) }
```

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

Here you see how a box with a 4 pixel rgb(142, 92, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 92, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 92, 105);  
box-shadow:4px 4px 4px 4px rgb(142, 92,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 22.423, 2.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 92, 105) }
```

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

```
.background{ background-color: rgb(142, 92,  
105) }
```

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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