

Converting Colors

CIELCh(45, 23.978, 355.369)

Have a look what the booklet for
CIELCh(45, 23.978, 355.369)
contains.

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Color

CIELCh(45, 23.618, 356.262)

Conversions

Conversions Part 1

Format	Color
Hex	8F5C6E
RGB	143, 92, 110
RGB Percent	56%, 36%, 43%
CMY	0.4404, 0.6402, 0.5697
CMYK	0.00, 0.36, 0.23, 0.44
HSL	339°, 22%, 46%
HSV	339°, 36%, 56%
XYZ	17.8812, 14.5417, 16.5391
YIQ	109.3010, 24.6180, 16.4100

Conversions

Conversions Part 2

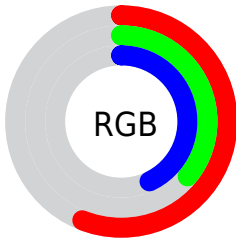
Format	Color
R_{YB}	143, 92, 110
Decimal	9395310
CIE Lab	45.00, 23.57, -1.54
CIE LCh	45, 23.618, 356.262
Yxy	14.5417, 0.3652, 0.2970
Android (android.graphics.Color)	4287585390 (0xFF8F5C6E)
YUV	109.3010, 0.3446, 29.5540
Hunter-Lab	38.1336, 16.9665, 0.9786

Details

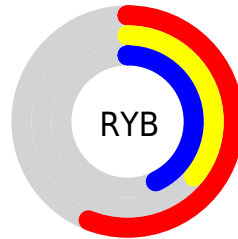
The CIELCh color $45, 23.618, 356.262$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 21.717, 168.893$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 23.556, 357.054$, and $25, 23.488, 355.558$ is the 20% darker color. If you saturate the color by 10%, you get $41, 30.331, 357.804$, and if you desaturate by 10%, it is $49, 16.836, 354.964$.

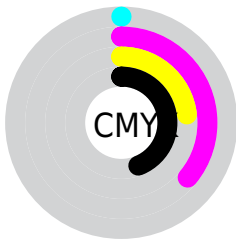
Distribution



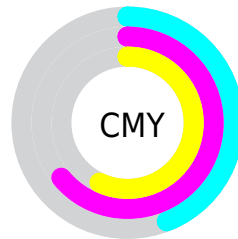
- Red (56%)
- Green (36%)
- Blue (43%)



- Red (56%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (44%)





- Cyan (44%)
- Magenta (64%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 23.618, 356.262 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, 23.618, 356.262 by changing the saturation by 10% instead.


 45, 23.618,
356.262


 45, 23.618,
356.262


 100, 23.618,
356.262


 35, 23.618,
356.262

 65, 23.618,
356.262


 25, 23.618,
356.262

 75, 23.618,
356.262

 15, 23.618,
356.262

 85, 23.618,
356.262

 5, 23.618, 356.262

 95, 23.618,
356.262

 0, 23.618, 356.262

 45, 23.618,

 45, 23.618,

356.262

356.262

41, 30.331,
357.804

49, 16.836,
354.964

38, 36.759,
359.669

53, 10.142,
353.838

35, 42.616, 1.974

57, 3.628, 352.802

33, 47.598, 4.870

61, 2.657, 172.174

31, 51.475, 8.518

65, 8.692, 171.308

30, 54.281, 12.994

70, 14.475,
170.593

30, 55.480, 14.933

74, 20.015,
169.950

78, 25.326,
169.363

82, 30.426,

Harmonies

Complementary

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



45, 23.618, 356.262



55, 21.717, 168.893

Rectangle

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



45, 23.618, 356.262



45, 23.618, 46.262



45, 23.618, 176.262



45, 23.618, 226.262

Sweetspot

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



45, 23.616, 356.264



70, 8.751, 353.372



44, 32.757, 315.096



36, 5.938, 353.495



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, 23.616, 356.264



55, 35.434, 357.505



46, 20.250, 33.086



28, 3.605, 353.162



28, 53.282, 14.630



0, 2.397, 352.390

Inverse Universe

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



45, 23.616, 356.264



55, 35.434, 357.505



54, 15.740, 212.524



28, 3.605, 353.162



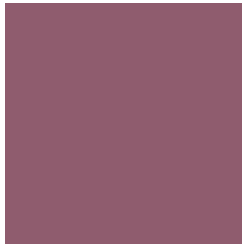
28, 53.282, 14.630



0, 2.397, 352.390

Previews

White Background



This preview shows how the CIELCh color 45, 23.618, 356.262 looks on a white background.

Color Contrast Check

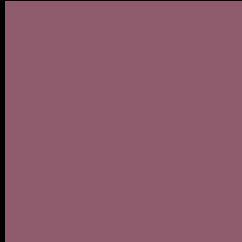
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.618, 356.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

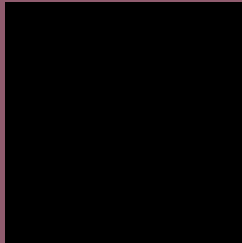
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 45, 23.618, 356.262

Background



This preview shows how black text looks on a background with the CIELCh color 45, 23.618, 356.262.



This preview shows how white text looks on a background with the CIELCh color 45, 23.618, 356.262.

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, 23.618, 356.262

Protanopia

45, 7.167, 288.056

Deuteranopia

45, 6.533, 353.152



Tritanopia
45, 21.493, 11.460

Trichromacy



Original Color
45, 23.618, 356.262

Protanomaly
45, 11.123, 332.221

Deuteranomaly
45, 12.703, 353.291

Tritanomaly
45, 21.755, 5.284

Monochromacy



Original Color
45, 23.618, 356.262

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 8.284, 355.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 23.618, 356.262 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(143, 92, 110)` looks like.

```
.text, #text, p{  
    color:rgb(143, 92, 110)  
}
```

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(143, 92, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 92, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 23.618, 356.262 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(143, 92, 110) }
```

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

```
.border{ border-color:rgb(143, 92, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 92, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 92, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 92, 110);  
box-shadow:4px 4px 4px 4px rgb(143, 92,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 23.618, 356.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 92, 110) }
```

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

```
.background{ background-color: rgb(143, 92,  
110) }
```

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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