

Converting Colors

CIELCh(45, 22.710, 357.521)

Have a look what the booklet for
CIELCh(45, 22.710, 357.521)
contains.

CIELCh(45, 23.053, 357.081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(45, 23.053, 357.081)

Conversions

Conversions Part 1

Format	Color
Hex	8E5C6D
RGB	142, 92, 109
RGB Percent	56%, 36%, 43%
CMY	0.4427, 0.6388, 0.5721
CMYK	0.00, 0.35, 0.23, 0.44
HSL	340°, 21%, 46%
HSV	340°, 35%, 56%
XYZ	17.7794, 14.5417, 16.3696
YIQ	108.8880, 24.3430, 15.8870

Conversions

Conversions Part 2

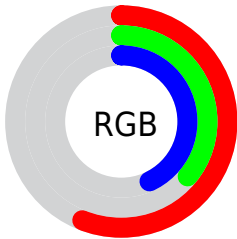
Format	Color
R_{YB}	142, 92, 109
Decimal	9329773
CIE Lab	45.00, 23.02, -1.17
CIE LCh	45, 23.053, 357.081
Yxy	14.5417, 0.3651, 0.2987
Android (android.graphics.Color)	4287519853 (0xFF8E5C6D)
YUV	108.8880, 0.0552, 29.0392
Hunter-Lab	38.1336, 16.4901, 1.2421

Details

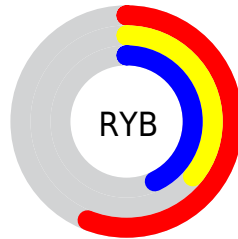
The CIELCh color $45, 23.053, 357.081$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 21.129, 169.813$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 23.016, 357.866$, and $25, 22.907, 356.386$ is the 20% darker color. If you saturate the color by 10%, you get $41, 29.741, 358.630$, and if you desaturate by 10%, it is $49, 16.319, 355.778$.

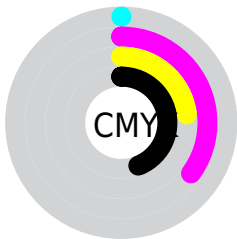
Distribution



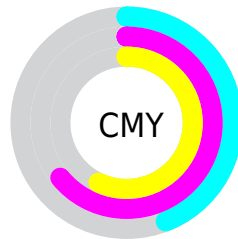
- Red (56%)
- Green (36%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (44%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 23.053, 357.081 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, 23.053, 357.081 by changing the saturation by 10% instead.


 45, 23.053,
357.081


 45, 23.053,
357.081


 100, 23.053,
357.081


 35, 23.053,
357.081

 65, 23.053,
357.081


 25, 23.053,
357.081

 75, 23.053,
357.081

 15, 23.053,
357.081

 85, 23.053,
357.081

 5, 23.053, 357.081

 95, 23.053,
357.081

 0, 23.053, 357.081

 45, 23.053,

 45, 23.053,

357.081

357.081

41, 29.741,
358.630

49, 16.319,
355.778

38, 36.175, 0.506

53, 9.691, 354.649

35, 42.079, 2.826

57, 3.252, 353.604

33, 47.152, 5.740

61, 2.951, 172.977

31, 51.165, 9.411

65, 8.900, 172.125

30, 54.121, 13.924

70, 14.595,
171.414

29, 55.527, 16.132

74, 20.046,
170.773

78, 25.270,
170.190

82, 30.283,
169.654

Harmonies

Complementary

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



45, 23.053, 357.081



55, 21.129, 169.813

Rectangle

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



45, 23.053, 357.081



45, 23.053, 47.081



45, 23.053, 177.081



45, 23.053, 227.081

Sweetspot

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



45, 23.051, 357.083



69, 8.592, 354.236



44, 32.247, 315.606



35, 5.764, 354.356



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, 23.051, 357.083



54, 34.054, 358.246



46, 19.598, 34.556



28, 3.579, 354.026



28, 53.483, 15.849



0, 2.379, 353.250

Inverse Universe

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



45, 23.051, 357.083



54, 34.054, 358.246



53, 15.313, 214.607



28, 3.579, 354.026



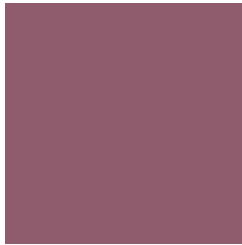
28, 53.483, 15.849



0, 2.379, 353.250

Previews

White Background



This preview shows how the CIELCh color 45, 23.053, 357.081 looks on a white background.

Color Contrast Check

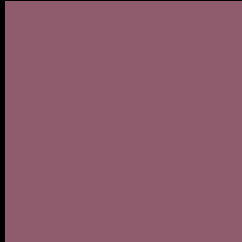
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.053, 357.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

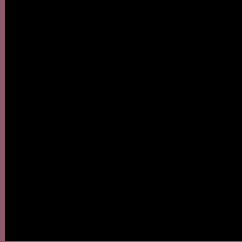
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 23.053, 357.081

Background



This preview shows how black text looks on a background with the CIELCh color 45, 23.053, 357.081.



This preview shows how white text looks on a background with the CIELCh color 45, 23.053, 357.081.

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, 23.053, 357.081

Protanopia

45, 7.162, 291.183

Deuteranopia

45, 6.298, 358.007



Tritanopia
45, 20.596, 10.817

Trichromacy



Original Color
45, 23.053, 357.081

Protanomaly
45, 11.123, 332.221

Deuteranomaly
45, 12.470, 355.754

Tritanomaly
45, 21.344, 4.863

Monochromacy



Original Color
45, 23.053, 357.081

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, 23.053, 357.081 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(142, 92, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 92, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 23.053, 357.081 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, 109) }
```

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

```
.border{ border-color:rgb(142, 92, 109) }
```

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, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 92, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 92, 109);  
box-shadow:4px 4px 4px 4px rgb(142, 92,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 23.053, 357.081 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, 109) }
```

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

```
.background{ background-color: rgb(142, 92,  
109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor