

Converting Colors

CIELCh(44, 25.568, 348.358)

Have a look what the booklet for
CIELCh(44, 25.568, 348.358)
contains.

CIELCh(44, 25.768, 348.269)	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(44, 25.768, 348.269)

Conversions

Conversions Part 1

Format	Color
Hex	8C5871
RGB	140, 88, 113
RGB Percent	55%, 35%, 44%
CMY	0.4496, 0.6536, 0.5556
CMYK	0.00, 0.37, 0.19, 0.45
HSL	331°, 23%, 45%
HSV	331°, 37%, 55%
XYZ	17.3899, 13.8382, 17.4746
YIQ	106.3980, 22.9670, 18.7990

Conversions

Conversions Part 2

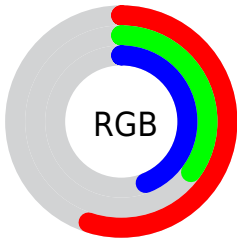
Format	Color
R_{YB}	140, 88, 113
Decimal	9197681
CIE _{Lab}	44.00, 25.23, -5.24
CIE _{LCh}	44, 25.768, 348.269
Yxy	13.8382, 0.3571, 0.2841
Android (android.graphics.Color)	4287387761 (0xFF8C5871)
YUV	106.3980, 3.2548, 29.4690
Hunter-Lab	37.1997, 18.3445, -1.8117

Details

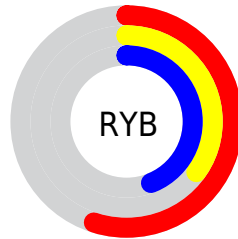
The CIELCh color $[44, 25.768, 348.269]$ is a dark color, and the websafe version is hex $\#996666$. A complement of this color would be $[54, 24.557, 161.211]$, and the grayscale version is $[45, 0.006, 296.813]$.

A 20% lighter version of the original color is $[64, 25.812, 348.361]$, and $[24, 25.464, 348.240]$ is the 20% darker color. If you saturate the color by 10%, you get $[41, 32.569, 349.572]$, and if you desaturate by 10%, it is $[48, 18.758, 347.143]$.

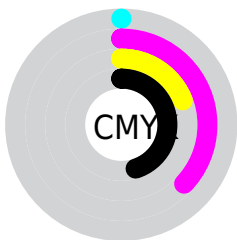
Distribution



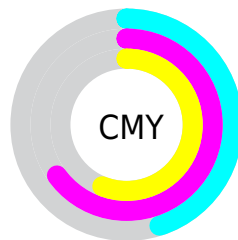
- Red (55%)
- Green (35%)
- Blue (44%)



- Red (55%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (19%)
- Black (45%)



- Cyan (45%)
- Magenta (65%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 25.768, 348.269 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 44, 25.768, 348.269 by changing the saturation by 10% instead.


 44, 25.768,
348.269


 44, 25.768,
348.269

 100, 25.768,
348.269


 34, 25.768,
348.269

 64, 25.768,
348.269


 24, 25.768,
348.269

 74, 25.768,
348.269

 14, 25.768,
348.269

 84, 25.768,
348.269

 4, 25.768, 348.269

 94, 25.768,
348.269

 0, 25.768, 348.269

 44, 25.768,

 44, 25.768,

348.269

348.269

41, 32.569,
349.572

48, 18.758,
347.143

37, 38.910,
351.109

52, 11.730,
346.143

35, 44.470,
352.970

56, 4.801, 345.218

32, 48.912,
355.274

60, 1.956, 164.646

64, 8.502, 163.790

31, 51.977,
358.167

68, 14.824,
163.103

30, 53.766, 1.712

72, 20.919,
162.477

29, 54.281, 2.767

76, 26.796,
161.899

80, 32.467,

Harmonies

Complementary

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



44, 25.768, 348.269



54, 24.557, 161.211

Rectangle

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



44, 25.768, 348.269



44, 25.768, 38.269



44, 25.768, 168.269



44, 25.768, 218.269

Sweetspot

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



44, 25.766, 348.270



69, 9.351, 345.601



42, 32.953, 311.391



35, 6.270, 345.708



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



44, 25.766, 348.270



54, 37.973, 349.281



43, 22.950, 23.867



28, 3.900, 345.414



28, 52.826, 2.598



1, 2.604, 344.705

Inverse Universe

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



44, 25.766, 348.270



54, 37.973, 349.281



55, 17.807, 199.325



28, 3.900, 345.414



28, 52.826, 2.598



1, 2.604, 344.705

Previews

White Background



This preview shows how the CIELCh color 44, 25.768, 348.269 looks on a white background.

Color Contrast Check

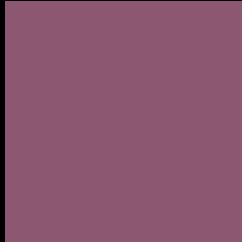
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 25.768, 348.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

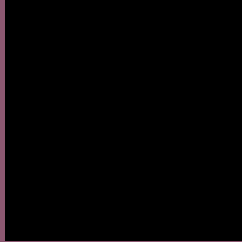
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 25.768, 348.269

Background



This preview shows how black text looks on a background with the CIELCh color 44, 25.768, 348.269.



This preview shows how white text looks on a background with the CIELCh color 44, 25.768, 348.269.

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

44, 25.768, 348.269

Protanopia

44, 11.407, 286.052

Deuteranopia

44, 7.513, 327.507



Tritanopia
44, 21.139, 11.226

Trichromacy



Original Color
44, 25.768, 348.269

Protanomaly
44, 14.350, 319.837

Deuteranomaly
44, 14.321, 339.486

Tritanomaly
44, 22.232, 0.900

Monochromacy



Original Color
44, 25.768, 348.269

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 9.529, 346.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 25.768, 348.269 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(140, 88, 113)` looks like.

```
.text, #text, p{  
    color:rgb(140, 88, 113)  
}
```

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(140, 88, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 88, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 25.768, 348.269 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(140, 88, 113) }
```

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

```
.border{ border-color:rgb(140, 88, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 88, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 88, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 88, 113);  
box-shadow:4px 4px 4px 4px rgb(140, 88,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 25.768, 348.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 88, 113) }
```

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

```
.background{ background-color: rgb(140, 88,  
113) }
```

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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