

Converting Colors

CIELCh(44, 38.274, 113.377)

Have a look what the booklet for
CIELCh(44, 38.274, 113.377)
contains.

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Color

CIELCh(44, 38.198, 113.325)

Conversions

Conversions Part 1

Format	Color
Hex	626E2B
RGB	98, 110, 43
RGB Percent	38%, 43%, 17%
CMY	0.6169, 0.5698, 0.8325
CMYK	0.11, 0.00, 0.61, 0.57
HSL	71°, 44%, 30%
HSV	71°, 61%, 43%
XYZ	10.9776, 13.8382, 4.3502
YIQ	98.7740, 14.3550, -23.3810

Conversions

Conversions Part 2

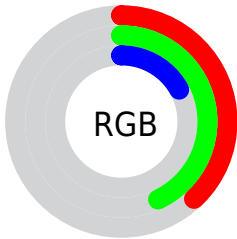
Format	Color
RYB	43, 110, 55
Decimal	6450731
CIELab	44.00, -15.12, 35.08
CIELCh	44, 38.198, 113.325
Yxy	13.8382, 0.3764, 0.4745
Android (android.graphics.Color)	4284640811 (0xFF626E2B)
YUV	98.7740, -27.4966, -0.6788
Hunter-Lab	37.1997, -12.4246, 19.1064

Details

The CIELCh color **44, 38.198, 113.325** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **22, 44.553, 303.200**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 38.664, 113.724**, and **24, 35.437, 114.260** is the 20% darker color. If you saturate the color by 10%, you get **44, 43.288, 112.949**, and if you desaturate by 10%, it is **44, 32.531, 113.847**.

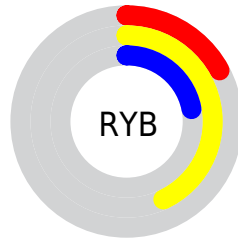
Distribution



Red (38%)

Green (43%)

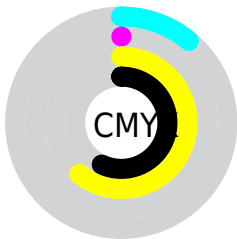
Blue (17%)



Red (17%)

Yellow (43%)

Blue (22%)

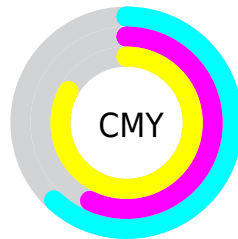


Cyan (11%)

Magenta (0%)

Yellow (61%)

Black (57%)



Cyan (62%)

Magenta (57%)

Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 38.198, 113.325 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, 38.198, 113.325 by changing the saturation by 10% instead.


 44, 38.198,
113.325


 44, 38.198,
113.325


 100, 38.198,
113.325


 34, 38.198,
113.325

 64, 38.198,
113.325

 24, 38.198,
113.325

 74, 38.198,
113.325

 14, 38.198,
113.325

 84, 38.198,
113.325

 4, 38.198, 113.325

 94, 38.198,
113.325

 0, 38.198, 113.325

 44, 38.198,

 44, 38.198,

113.325

■ 44, 43.288,
112.949

■ 44, 47.544,
112.782

■ 43, 50.696,
112.900

■ 43, 53.080,
113.092

113.325

■ 44, 32.531,
113.847

■ 45, 26.482,
114.454

■ 45, 20.193,
115.109

■ 45, 13.760,
115.785

■ 46, 7.245, 116.461

■ 46, 0.692, 117.128

■ 47, 5.867, 297.766

■ 47, 12.412,
298.381

■ 48, 18.925,

Harmonies

Complementary

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



44, 38.198, 113.325



22, 44.553, 303.200

Rectangle

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



44, 38.198, 113.325



44, 38.198, 163.325



44, 38.198, 293.325



44, 38.198, 343.325

Sweetspot

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



44, 38.199, 113.327



58, 14.609, 115.960



30, 29.841, 37.739



30, 10.074, 115.807



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 38.199, 113.327



56, 54.476, 112.854



42, 42.985, 131.855



23, 3.752, 116.598



47, 56.556, 113.186



91, 96.797, 113.739

Inverse Universe

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



22, 44.553, 303.200



25, 66.721, 304.951



26, 45.068, 317.021



21, 3.824, 297.821



13, 75.323, 307.340



32, 129.326, 306.984

Previews

White Background



This preview shows how the CIELCh color 44, 38.198, 113.325 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 44, 38.198, 113.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

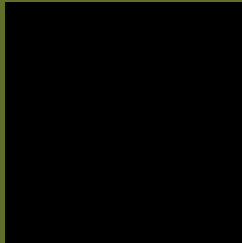
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 38.198, 113.325

Background



This preview shows how black text looks on a background with the CIELCh color 44, 38.198, 113.325.



This preview shows how white text looks on a background with the CIELCh color 44, 38.198, 113.325.

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, 38.198, 113.325

Protanopia

44, 36.457, 95.651

Deuteranopia

44, 34.625, 80.353



Tritanopia
44, 4.878, 300.340

Trichromacy



Original Color
44, 38.198, 113.325

Protanomaly
44, 36.395, 102.598

Deuteranomaly
44, 34.306, 92.944

Tritanomaly
44, 11.389, 115.117

Monochromacy



Original Color
44, 38.198, 113.325

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 14.444, 115.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 38.198, 113.325 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(98, 110, 43)` looks like.

```
.text, #text, p{  
    color:rgb(98, 110, 43)  
}
```

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(98, 110, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 110, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 38.198, 113.325 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(98, 110, 43) }
```

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

```
.border{ border-color:rgb(98, 110, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 110, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 110, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 110, 43);  
box-shadow:4px 4px 4px 4px rgb(98, 110,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 38.198, 113.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 110, 43) }
```

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

```
.background{ background-color: rgb(98, 110,  
43) }
```

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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