

Converting Colors

CIELCh(44, 18.159, 139.589)

Have a look what the booklet for
CIELCh(44, 18.159, 139.589)
contains.

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Color

CIELCh(44, 18.106, 138.991)

Conversions

Conversions Part 1

Format	Color
Hex	586E54
RGB	88, 110, 84
RGB Percent	35%, 43%, 33%
CMY	0.6553, 0.5690, 0.6710
CMYK	0.20, 0.00, 0.24, 0.57
HSL	111°, 13%, 38%
HSV	111°, 24%, 43%
XYZ	11.1764, 13.8382, 10.4495
YIQ	100.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

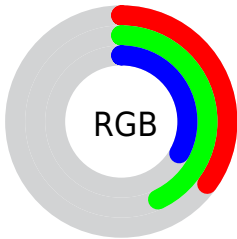
Format	Color
RYB	84, 110, 106
Decimal	5795412
CIELab	44.00, -13.66, 11.88
CIELCh	44, 18.106, 138.991
Yxy	13.8382, 0.3151, 0.3902
Android (android.graphics.Color)	4283985492 (0xFF586E54)
YUV	100.4580, -8.1138, -10.9257
Hunter-Lab	37.1997, -11.4704, 9.3851

Details

The CIELCh color $44, 18.106, 138.991$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $39, 18.250, 321.198$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 18.221, 139.622$, and $24, 17.777, 138.957$ is the 20% darker color. If you saturate the color by 10%, you get $43, 25.740, 138.372$, and if you desaturate by 10%, it is $45, 10.423, 139.547$.

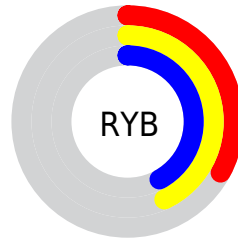
Distribution



Red (35%)

Green (43%)

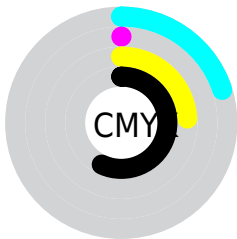
Blue (33%)



Red (33%)

Yellow (43%)

Blue (42%)

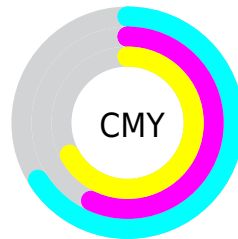


Cyan (20%)

Magenta (0%)

Yellow (24%)

Black (57%)



Cyan (66%)

Magenta (57%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 18.106, 138.991 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, 18.106, 138.991 by changing the saturation by 10% instead.


 44, 18.106,
138.991


 44, 18.106,
138.991


 100, 18.106,
138.991


 34, 18.106,
138.991

 64, 18.106,
138.991


 24, 18.106,
138.991

 74, 18.106,
138.991

 14, 18.106,
138.991


 84, 18.106,
138.991

 4, 18.106, 138.991

 94, 18.106,
138.991

 0, 18.106, 138.991

 44, 18.106,

 44, 18.106,

138.991

138.991

■ 43, 25.740,
138.372

■ 45, 10.423,
139.547

■ 42, 33.208,
137.694

■ 46, 2.770, 140.066

■ 42, 40.362,
136.979

■ 47, 4.789, 320.404

■ 41, 47.008,
136.269

■ 48, 12.212,
320.783

■ 41, 52.899,
135.638

■ 50, 19.471,
321.097

■ 40, 57.744,
135.188

■ 51, 26.547,
321.365

■ 40, 61.319,
134.994

■ 52, 33.432,
321.594

■ 40, 63.327,
134.739

■ 54, 40.123,
321.789

■ 55, 46.621,
321.956

Harmonies

Complementary

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



44, 18.106, 138.991



39, 18.250, 321.198

Rectangle

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



44, 18.106, 138.991



44, 18.106, 188.991



44, 18.106, 318.991



44, 18.106, 8.991

Sweetspot

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



44, 18.107, 138.992



58, 6.599, 139.878



44, 12.997, 99.821



30, 4.259, 139.861



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, 18.107, 138.992



56, 26.570, 138.684



44, 14.958, 153.917



23, 4.355, 139.785



44, 67.439, 134.825



86, 115.865, 135.273

Inverse Universe

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



39, 18.250, 321.198



48, 26.815, 321.420



39, 15.124, 337.298



22, 4.375, 320.545



24, 66.918, 322.565



52, 114.405, 322.257

Previews

White Background



This preview shows how the CIELCh color 44, 18.106, 138.991 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, 18.106, 138.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

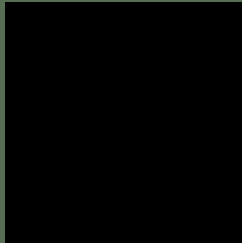
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 18.106, 138.991

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.106, 138.991.



This preview shows how white text looks on a background with the CIELCh color 44, 18.106, 138.991.

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

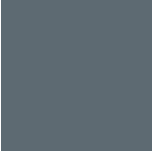
44, 18.106, 138.991

Protanopia

44, 14.035, 95.268

Deuteranopia

44, 12.326, 62.477



Tritanopia
44, 6.844, 243.630

Trichromacy



Original Color
44, 18.106, 138.991

Protanomaly
44, 14.299, 113.422

Deuteranomaly
44, 11.447, 99.658

Tritanomaly
44, 6.904, 178.257

Monochromacy



Original Color
44, 18.106, 138.991

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 6.900, 138.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.106, 138.991 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(88, 110, 84)` looks like.

```
.text, #text, p{  
    color:rgb(88, 110, 84)  
}
```

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(88, 110, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 110, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.106, 138.991 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(88, 110, 84) }
```

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

```
.border{ border-color:rgb(88, 110, 84) }
```

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

Here you see how a box with a 4 pixel rgb(88, 110, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 110, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 110, 84);  
box-shadow:4px 4px 4px 4px rgb(88, 110,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.106, 138.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 110, 84) }
```

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

```
.background{ background-color: rgb(88, 110,  
84) }
```

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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