

Converting Colors

CIELCh(44, 11.830, 137.679)

Have a look what the booklet for
CIELCh(44, 11.830, 137.679)
contains.

CIELCh(44, 11.770, 138.792)	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, 11.770, 138.792)

Conversions

Conversions Part 1

Format	Color
Hex	5E6C5B
RGB	94, 108, 91
RGB Percent	37%, 42%, 36%
CMY	0.6317, 0.5768, 0.6434
CMYK	0.13, 0.00, 0.16, 0.58
HSL	109°, 9%, 39%
HSV	109°, 16%, 42%
XYZ	11.8475, 13.8382, 11.9269
YIQ	101.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

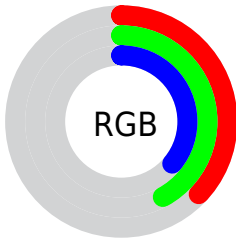
Format	Color
R_{YB}	91, 108, 105
Decimal	6188123
CIE Lab	44.00, -8.85, 7.75
CIE LCh	44, 11.770, 138.792
Yxy	13.8382, 0.3150, 0.3679
Android (android.graphics.Color)	4284378203 (0xFF5E6C5B)
YUV	101.8760, -5.3619, -6.9073
Hunter-Lab	37.1997, -8.2501, 7.0304

Details

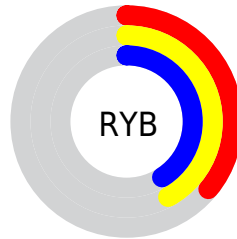
The CIELCh color $[44, 11.770, 138.792]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[40, 11.849, 320.171]$, and the grayscale version is $[43, 0.006, 296.813]$.

A 20% lighter version of the original color is $[64, 11.637, 139.278]$, and $[24, 12.191, 138.025]$ is the 20% darker color. If you saturate the color by 10%, you get $[43, 19.284, 138.243]$, and if you desaturate by 10%, it is $[45, 4.274, 139.295]$.

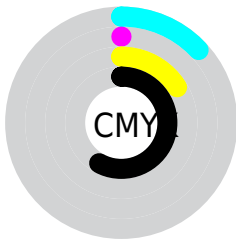
Distribution



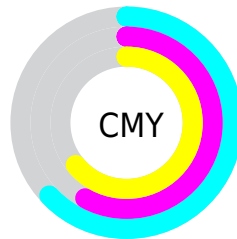
- Red (37%)
- Green (42%)
- Blue (36%)



- Red (36%)
- Yellow (42%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (58%)




- Cyan (63%)
- Magenta (58%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 11.770, 138.792 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, 11.770, 138.792 by changing the saturation by 10% instead.


 44, 11.770,
138.792


 44, 11.770,
138.792


 100, 11.770,
138.792


 34, 11.770,
138.792

 64, 11.770,
138.792


 24, 11.770,
138.792

 74, 11.770,
138.792

 14, 11.770,
138.792


 84, 11.770,
138.792

 4, 11.770, 138.792

 94, 11.770,
138.792

 0, 11.770, 138.792

 44, 11.770,

 44, 11.770,

138.792

■ 43, 19.284,
138.243

■ 42, 26.729,
137.635

■ 42, 33.992,
136.978

■ 41, 40.922,
136.298

■ 40, 47.325,
135.645

■ 40, 52.949,
135.097

■ 40, 57.508,
134.761

■ 39, 60.920,
134.628

138.792

■ 45, 4.274, 139.295

■ 46, 3.145, 319.640

■ 47, 10.444,
320.035

■ 48, 17.591,
320.355

■ 50, 24.569,
320.627

■ 51, 31.366,
320.860

■ 52, 37.978,
321.059

■ 54, 44.405,
321.229

■ 39, 62.289,
134.458

■ 55, 50.652,
321.374

Harmonies

Complementary

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



44, 11.770, 138.792



40, 11.849, 320.171

Rectangle

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



44, 11.770, 138.792



44, 11.770, 188.792



44, 11.770, 318.792



44, 11.770, 8.792

Sweetspot

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



44, 11.771, 138.793



58, 4.605, 139.327



44, 8.370, 99.703



30, 3.167, 139.299



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, 11.771, 138.793



56, 17.625, 138.593



44, 9.928, 153.891



22, 4.159, 139.136



43, 66.171, 134.549



85, 114.636, 135.062

Inverse Universe

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



40, 11.849, 320.171



51, 17.762, 320.335



41, 10.001, 335.993



21, 4.179, 319.871



23, 66.075, 321.788



51, 113.853, 321.430

Previews

White Background



This preview shows how the CIELCh color 44, 11.770, 138.792 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, 11.770, 138.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

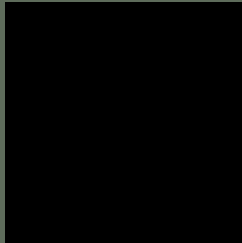
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 11.770, 138.792

Background



This preview shows how black text looks on a background with the CIELCh color 44, 11.770, 138.792.

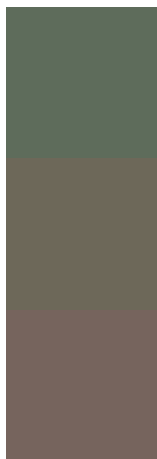


This preview shows how white text looks on a background with the CIELCh color 44, 11.770, 138.792.

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

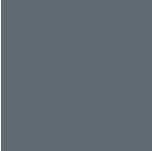
44, 11.770, 138.792

Protanopia

44, 9.197, 95.152

Deuteranopia

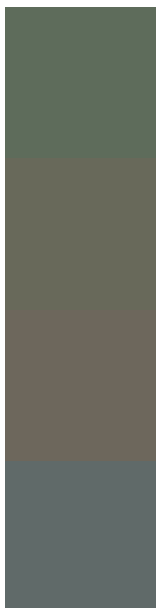
44, 8.927, 47.982



Tritanopia

44, 5.663, 257.268

Trichromacy



Original Color
44, 11.770, 138.792

Protanomaly
44, 8.945, 111.645

Deuteranomaly
44, 7.056, 87.645

Tritanomaly
44, 4.087, 190.548

Monochromacy



Original Color
44, 11.770, 138.792

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.171, 139.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 11.770, 138.792 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(94, 108, 91)` looks like.

```
.text, #text, p{  
    color:rgb(94, 108, 91)  
}
```

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(94, 108, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 108, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 11.770, 138.792 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(94, 108, 91) }
```

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

```
.border{ border-color:rgb(94, 108, 91) }
```

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

Here you see how a box with a 4 pixel rgb(94, 108, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 108, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 108, 91);  
box-shadow:4px 4px 4px 4px rgb(94, 108,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 11.770, 138.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 108, 91) }
```

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

```
.background{ background-color: rgb(94, 108,  
91) }
```

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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