

Converting Colors

CIELCh(44, 13.758, 137.968)

Have a look what the booklet for
CIELCh(44, 13.758, 137.968)
contains.

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Color

CIELCh(44, 13.758, 137.968)

Conversions

Conversions Part 1

Format	Color
Hex	5C6C58
RGB	92, 108, 88
RGB Percent	36%, 42%, 35%
CMY	0.6374, 0.5746, 0.6531
CMYK	0.15, 0.00, 0.18, 0.57
HSL	108°, 10%, 39%
HSV	108°, 18%, 43%
XYZ	11.6545, 13.8382, 11.3902
YIQ	100.9360, -3.1160, -9.6120

Conversions

Conversions Part 2

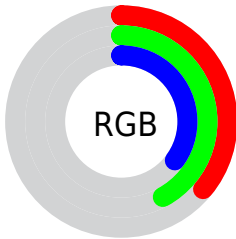
Format	Color
R_{YB}	88, 108, 104
Decimal	6057048
CIE _{Lab}	44.00, -10.22, 9.21
CIE _{LCh}	44, 13.758, 137.968
Yxy	13.8382, 0.3160, 0.3752
Android (android.graphics.Color)	4284247128 (0xFF5C6C58)
YUV	100.9360, -6.3774, -7.8369
Hunter-Lab	37.1997, -9.1766, 7.8859

Details

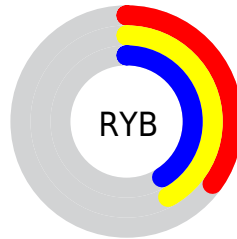
The CIELCh color $44, 13.758, 137.968$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 13.876, 319.573$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 13.489, 138.490$, and $24, 13.807, 138.434$ is the 20% darker color. If you saturate the color by 10%, you get $43, 21.238, 137.421$, and if you desaturate by 10%, it is $45, 6.275, 138.466$.

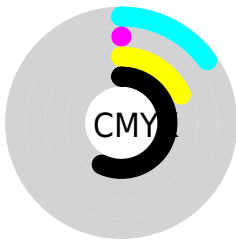
Distribution



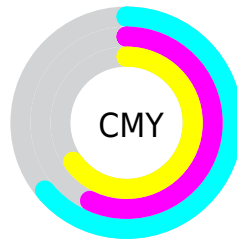
- Red (36%)
- Green (42%)
- Blue (35%)



- Red (35%)
- Yellow (42%)
- Blue (41%)



- Cyan (15%)
- Magenta (0%)
- Yellow (18%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 13.758, 137.968 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, 13.758, 137.968 by changing the saturation by 10% instead.

 44, 13.758,
137.968


 44, 13.758,
137.968


 100, 13.758,
137.968


 34, 13.758,
137.968

 64, 13.758,
137.968


 24, 13.758,
137.968

 74, 13.758,
137.968

 14, 13.758,
137.968


 84, 13.758,
137.968

 4, 13.758, 137.968

 94, 13.758,
137.968

 0, 13.758, 137.968

 44, 13.758,

 44, 13.758,

137.968

137.968

■ 43, 21.238,
137.421

■ 45, 6.275, 138.466

■ 42, 28.624,
136.821

■ 46, 1.149, 318.756

■ 47, 8.465, 319.229

■ 42, 35.797,
136.184

■ 48, 15.643,
319.558

■ 41, 42.600,
135.544

■ 50, 22.661,
319.838

■ 41, 48.823,
134.959

■ 51, 29.507,
320.078

■ 40, 54.206,
134.517

■ 52, 36.173,
320.283

■ 40, 58.461,
134.326

■ 54, 42.660,
320.459

■ 40, 61.771,
134.218

■ 55, 48.968,

■ 40, 62.277,
134.159

320.609

Harmonies

Complementary

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



44, 13.758, 137.968



40, 13.876, 319.573

Rectangle

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



44, 13.758, 137.968



44, 13.758, 187.968



44, 13.758, 317.968



44, 13.758, 7.968

Sweetspot

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



44, 13.759, 137.969



58, 5.491, 138.577



44, 9.527, 97.349



30, 3.672, 138.555



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, 13.759, 137.969



56, 20.270, 137.749



44, 11.983, 152.362



22, 4.129, 138.442



43, 65.916, 134.252



85, 114.260, 134.813

Inverse Universe

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



40, 13.876, 319.573



49, 20.475, 319.750



40, 12.063, 334.798



21, 4.151, 319.161



23, 66.281, 320.977



50, 114.243, 320.579

Previews

White Background



This preview shows how the CIELCh color 44, 13.758, 137.968 looks on a white background.

Color Contrast Check

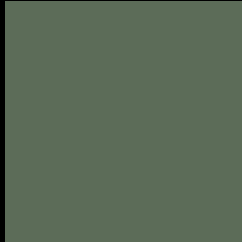
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.758, 137.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

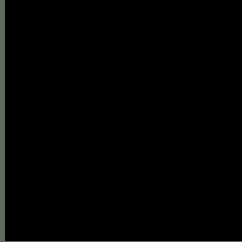
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

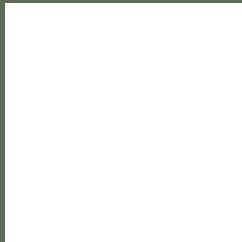
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 13.758, 137.968

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.758, 137.968.

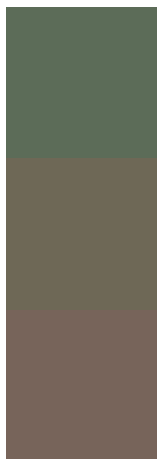


This preview shows how white text looks on a background with the CIELCh color 44, 13.758, 137.968.

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

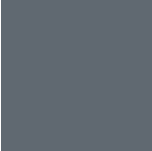
44, 13.758, 137.968

Protanopia

44, 11.039, 94.747

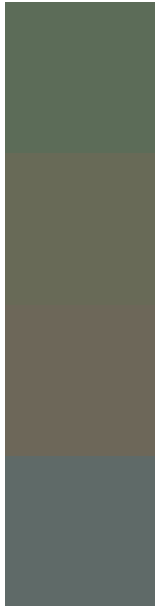
Deuteranopia

44, 10.344, 55.219



Tritanopia
44, 5.874, 254.091

Trichromacy



Original Color
44, 13.758, 137.968

Protanomaly
44, 11.323, 112.954

Deuteranomaly
44, 8.754, 91.544

Tritanomaly
44, 4.622, 183.862

Monochromacy



Original Color
44, 13.758, 137.968

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 5.432, 137.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.758, 137.968 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(92, 108, 88)` looks like.

```
.text, #text, p{  
    color:rgb(92, 108, 88)  
}
```

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(92, 108, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 108, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.758, 137.968 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(92, 108, 88) }
```

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

```
.border{ border-color:rgb(92, 108, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 108, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 108, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 108, 88);  
box-shadow:4px 4px 4px 4px rgb(92, 108,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.758, 137.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 108, 88) }
```

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

```
.background{ background-color: rgb(92, 108,  
88) }
```

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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