

Converting Colors

CIELCh(44, 13.507, 156.884)

Have a look what the booklet for
CIELCh(44, 13.507, 156.884)
contains.

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Color

CIELCh(44, 13.669, 156.875)

Conversions

Conversions Part 1

Format	Color
Hex	556E5F
RGB	85, 110, 95
RGB Percent	33%, 43%, 37%
CMY	0.6676, 0.5696, 0.6284
CMYK	0.23, 0.00, 0.14, 0.57
HSL	144°, 13%, 38%
HSV	144°, 23%, 43%
XYZ	11.3266, 13.8382, 12.8413
YIQ	100.8150, -10.0850, -9.9650

Conversions

Conversions Part 2

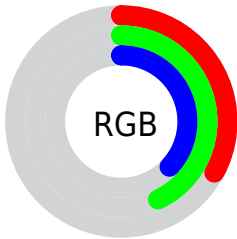
Format	Color
R_{YB}	85, 103, 110
Decimal	5598815
CIE _{Lab}	44.00, -12.57, 5.37
CIE _{LCh}	44, 13.669, 156.875
Yxy	13.8382, 0.2980, 0.3641
Android (android.graphics.Color)	4283788895 (0xFF556E5F)
YUV	100.8150, -2.8668, -13.8698
Hunter-Lab	37.1997, -10.7499, 5.5729

Details

The CIELCh color $44, 13.669, 156.875$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $39, 13.890, 340.327$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 14.078, 156.024$, and $24, 13.434, 157.384$ is the 20% darker color. If you saturate the color by 10%, you get $43, 19.604, 155.925$, and if you desaturate by 10%, it is $45, 7.663, 157.724$.

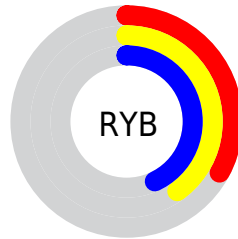
Distribution



Red (33%)

Green (43%)

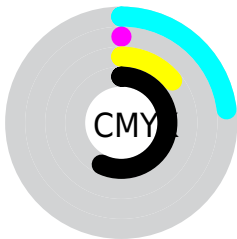
Blue (37%)



Red (33%)

Yellow (40%)

Blue (43%)

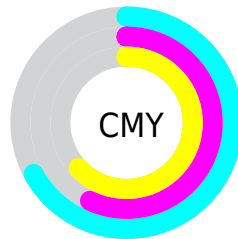


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (57%)



Cyan (67%)


Magenta (57%)

Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 13.669, 156.875 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, 13.669, 156.875 by changing the saturation by 10% instead.


 44, 13.669,
156.875


 44, 13.669,
156.875


 100, 13.669,
156.875


 34, 13.669,
156.875

 64, 13.669,
156.875


 24, 13.669,
156.875

 74, 13.669,
156.875

 14, 13.669,
156.875


 84, 13.669,
156.875

 4, 13.669, 156.875

 94, 13.669,
156.875

 0, 13.669, 156.875

 44, 13.669,

 44, 13.669,

156.875

■ 43, 19.604,
155.925

■ 42, 25.383,
154.855

■ 42, 30.914,
153.640

■ 41, 36.101,
152.263

■ 41, 40.857,
150.708

■ 40, 45.111,
148.970

■ 40, 48.833,
147.069

■ 40, 51.357,
145.793

156.875

■ 45, 7.663, 157.724

■ 46, 1.654, 158.585

■ 47, 4.302, 339.056

■ 48, 10.162,
339.695

■ 50, 15.897,
340.257

■ 51, 21.486,
340.769

■ 53, 26.918,
341.240

■ 54, 32.187,
341.676

■ 56, 37.292,

Harmonies

Complementary

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



44, 13.669, 156.875



39, 13.890, 340.327

Rectangle

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



44, 13.669, 156.875



44, 13.669, 206.875



44, 13.669, 336.875



44, 13.669, 26.875

Sweetspot

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



44, 13.670, 156.874



58, 5.201, 158.176



45, 15.407, 124.423



30, 3.357, 158.147



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, 13.670, 156.874



56, 20.089, 156.418



44, 9.867, 189.516



23, 3.432, 158.027



44, 54.962, 145.560



86, 96.652, 144.228

Inverse Universe

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



39, 13.890, 340.327



49, 20.474, 340.746



39, 11.068, 13.149



22, 3.458, 339.233



25, 50.342, 351.644



54, 85.128, 353.529

Previews

White Background



This preview shows how the CIELCh color 44, 13.669, 156.875 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, 13.669, 156.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

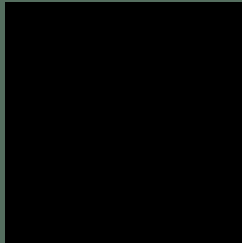
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 13.669, 156.875

Background



This preview shows how black text looks on a background with the CIELCh color 44, 13.669, 156.875.



This preview shows how white text looks on a background with the CIELCh color 44, 13.669, 156.875.

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

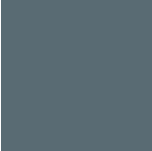
44, 13.669, 156.875

Protanopia

44, 7.480, 92.298

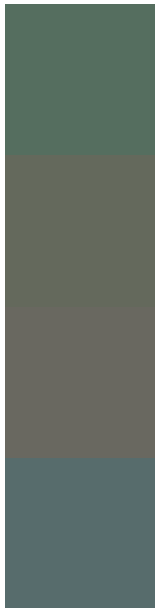
Deuteranopia

44, 7.107, 34.727



Tritanopia
44, 8.239, 234.512

Trichromacy



Original Color
44, 13.669, 156.875

Protanomaly
44, 8.059, 124.361

Deuteranomaly
44, 4.789, 104.401

Tritanomaly
44, 8.186, 198.480

Monochromacy



Original Color
44, 13.669, 156.875

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 4.801, 160.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 13.669, 156.875 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(85, 110, 95)` looks like.

```
.text, #text, p{  
    color:rgb(85, 110, 95)  
}
```

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(85, 110, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 110, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 13.669, 156.875 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(85, 110, 95) }
```

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

```
.border{ border-color:rgb(85, 110, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 110, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 110, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 110, 95);  
box-shadow:4px 4px 4px 4px rgb(85, 110,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 13.669, 156.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 110, 95) }
```

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

```
.background{ background-color: rgb(85, 110,  
95) }
```

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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