

Converting Colors

CIELCh(44, 15.540, 151.551)

Have a look what the booklet for
CIELCh(44, 15.540, 151.551)
contains.

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Color

CIELCh(44, 15.700, 151.404)

Conversions

Conversions Part 1

Format	Color
Hex	546E5B
RGB	84, 110, 91
RGB Percent	33%, 43%, 36%
CMY	0.6700, 0.5680, 0.6425
CMYK	0.24, 0.00, 0.17, 0.57
HSL	136°, 13%, 38%
HSV	136°, 24%, 43%
XYZ	11.1597, 13.8382, 12.0167
YIQ	100.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

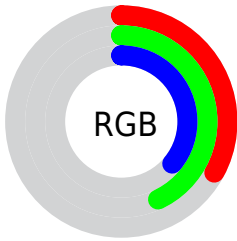
Format	Color
R_{YB}	84, 104, 110
Decimal	5533275
CIE Lab	44.00, -13.78, 7.51
CIE LCh	44, 15.700, 151.404
Yxy	13.8382, 0.3015, 0.3739
Android (android.graphics.Color)	4283723355 (0xFF546E5B)
YUV	100.0600, -4.4666, -14.0846
Hunter-Lab	37.1997, -11.5505, 6.8873

Details

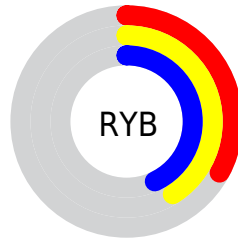
The CIELCh color $44, 15.700, 151.404$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $39, 15.814, 334.583$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 15.979, 151.148$, and $24, 15.667, 151.165$ is the 20% darker color. If you saturate the color by 10%, you get $43, 22.310, 150.512$, and if you desaturate by 10%, it is $45, 9.031, 152.189$.

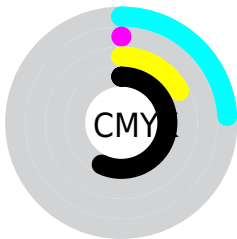
Distribution



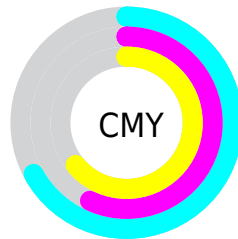
- Red (33%)
- Green (43%)
- Blue (36%)



- Red (33%)
- Yellow (41%)
- Blue (43%)



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (57%)



- Cyan (67%)
- Magenta (57%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 15.700, 151.404 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, 15.700, 151.404 by changing the saturation by 10% instead.


 44, 15.700,
151.404


 44, 15.700,
151.404


 100, 15.700,
151.404


 34, 15.700,
151.404

 64, 15.700,
151.404


 24, 15.700,
151.404

 74, 15.700,
151.404

 14, 15.700,
151.404


 84, 15.700,
151.404

 4, 15.700, 151.404

 94, 15.700,
151.404

 0, 15.700, 151.404

 44, 15.700,

 44, 15.700,

151.404

■ 43, 22.310,
150.512

■ 42, 28.760,
149.493

■ 42, 34.942,
148.328

■ 41, 40.736,
147.005

■ 41, 46.026,
145.522

■ 40, 50.708,
143.893

■ 40, 54.715,
142.175

■ 40, 57.042,
141.221

151.404

■ 45, 9.031, 152.189

■ 46, 2.378, 152.933

■ 47, 4.196, 333.391

■ 49, 10.646,
333.951

■ 50, 16.941,
334.430

■ 51, 23.062,
334.856

■ 53, 28.997,
335.239

■ 54, 34.743,
335.586

■ 56, 40.301,

Harmonies

Complementary

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



44, 15.700, 151.404



39, 15.814, 334.583

Rectangle

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



44, 15.700, 151.404



44, 15.700, 201.404



44, 15.700, 331.404



44, 15.700, 21.404

Sweetspot

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



44, 15.701, 151.404



58, 5.727, 152.656



45, 15.635, 119.181



30, 3.697, 152.630



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, 15.701, 151.404



56, 23.028, 150.961



44, 10.925, 178.671



23, 3.780, 152.523



44, 60.845, 141.026



86, 106.690, 139.892

Inverse Universe

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



39, 15.814, 334.583



48, 23.213, 334.943



39, 11.855, 3.066



22, 3.796, 333.596



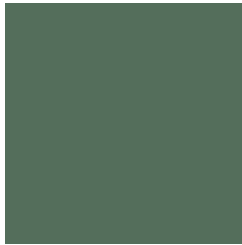
26, 54.265, 341.986



55, 91.749, 343.014

Previews

White Background



This preview shows how the CIELCh color 44, 15.700, 151.404 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 CIE LCh color 44, 15.700, 151.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

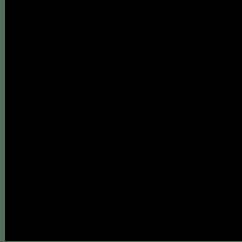
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

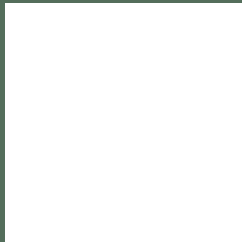
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 15.700, 151.404

Background



This preview shows how black text looks on a background with the CIELCh color 44, 15.700, 151.404.



This preview shows how white text looks on a background with the CIELCh color 44, 15.700, 151.404.

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

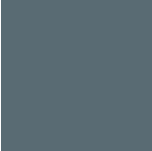
44, 15.700, 151.404

Protanopia

44, 9.327, 92.503

Deuteranopia

44, 8.927, 47.982



Tritanopia
44, 8.239, 234.512

Trichromacy



Original Color
44, 15.700, 151.404

Protanomaly
44, 10.458, 122.980

Deuteranomaly
44, 7.204, 102.274

Tritanomaly
44, 8.368, 190.175

Monochromacy



Original Color
44, 15.700, 151.404

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 5.937, 153.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 15.700, 151.404 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(84, 110, 91)` looks like.

```
.text, #text, p{  
    color:rgb(84, 110, 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(84, 110, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 110, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 15.700, 151.404 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(84, 110, 91) }
```

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

```
.border{ border-color:rgb(84, 110, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 110, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 110, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 110, 91);  
box-shadow:4px 4px 4px 4px rgb(84, 110,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 15.700, 151.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 110, 91) }
```

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

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