

Converting Colors

CIELCh(44, 18.507, 144.023)

Have a look what the booklet for
CIELCh(44, 18.507, 144.023)
contains.

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Color

CIELCh(44, 18.507, 144.023)

Conversions

Conversions Part 1

Format	Color
Hex	556F56
RGB	85, 111, 86
RGB Percent	33%, 44%, 34%
CMY	0.6685, 0.5666, 0.6645
CMYK	0.24, 0.00, 0.23, 0.57
HSL	122°, 13%, 38%
HSV	122°, 24%, 43%
XYZ	10.9975, 13.8382, 10.7986
YIQ	100.3760, -7.4710, -13.2870

Conversions

Conversions Part 2

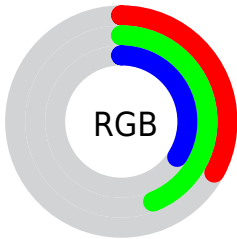
Format	Color
RYB	85, 110, 111
Decimal	5599062
CIELab	44.00, -14.98, 10.87
CIElCh	44, 18.507, 144.023
Yxy	13.8382, 0.3086, 0.3883
Android (android.graphics.Color)	4283789142 (0xFF556F56)
YUV	100.3760, -7.0874, -13.4848
Hunter-Lab	37.1997, -12.3288, 8.8287

Details

The CIELCh color **44, 18.507, 144.023** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39, 18.523, 326.722**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 18.604, 144.352**, and **24, 18.209, 144.321** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.342, 143.217**, and if you desaturate by 10%, it is **45, 10.604, 144.724**.

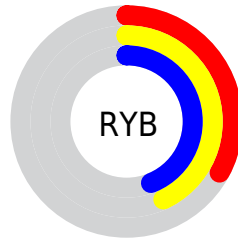
Distribution



Red (33%)

Green (44%)

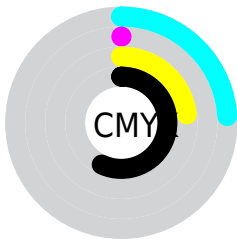
Blue (34%)



Red (33%)

Yellow (43%)

Blue (44%)

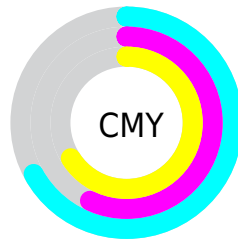


Cyan (24%)

Magenta (0%)

Yellow (23%)

Black (57%)



Cyan (67%)

Magenta (57%)

Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 18.507, 144.023 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, 18.507, 144.023 by changing the saturation by 10% instead.

 44, 18.507,
144.023


 44, 18.507,
144.023


 100, 18.507,
144.023


 34, 18.507,
144.023

 64, 18.507,
144.023


 24, 18.507,
144.023

 74, 18.507,
144.023

 14, 18.507,
144.023


 84, 18.507,
144.023

 4, 18.507, 144.023

 94, 18.507,
144.023

 0, 18.507, 144.023

 44, 18.507,

 44, 18.507,

144.023

144.023

■ 43, 26.342,
143.217

■ 45, 10.604,
144.724

■ 42, 33.969,
142.297

■ 46, 2.734, 145.366

■ 42, 41.219,
141.265

■ 47, 5.022, 325.777

■ 41, 47.886,
140.146

■ 49, 12.613,
326.234

■ 41, 53.734,
138.993

■ 50, 20.002,
326.613

■ 40, 58.507,
137.896

■ 52, 27.170,
326.936

■ 40, 61.980,
136.988

■ 53, 34.107,
327.215

■ 40, 63.793,
136.588

■ 55, 40.813,
327.456

■ 57, 47.293,
327.666

Harmonies

Complementary

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



44, 18.507, 144.023



39, 18.523, 326.722

Rectangle

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



44, 18.507, 144.023



44, 18.507, 194.023



44, 18.507, 324.023



44, 18.507, 14.023

Sweetspot

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



44, 18.508, 144.023



58, 6.750, 145.125



46, 15.290, 109.457



30, 4.357, 145.103



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, 18.508, 144.023



56, 27.192, 143.617



44, 12.818, 163.477



23, 4.456, 145.011



43, 67.669, 136.538



85, 116.427, 136.234

Inverse Universe

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



39, 18.523, 326.722



49, 27.202, 326.998



39, 13.242, 347.524



22, 4.464, 325.941



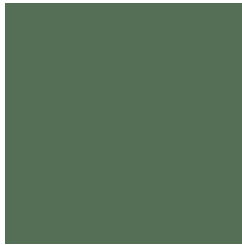
27, 64.222, 329.770



58, 109.499, 329.862

Previews

White Background



This preview shows how the CIE LCh color 44, 18.507, 144.023 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, 18.507, 144.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

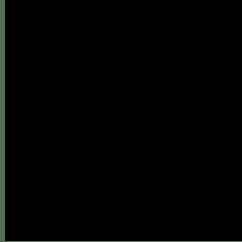
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 18.507, 144.023

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.507, 144.023.



This preview shows how white text looks on a background with the CIELCh color 44, 18.507, 144.023.

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

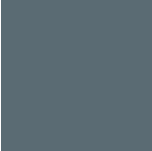
44, 18.507, 144.023

Protanopia

44, 13.358, 96.705

Deuteranopia

44, 11.134, 59.911



Tritanopia
44, 7.948, 236.058

Trichromacy



Original Color
44, 18.507, 144.023

Protanomaly
44, 13.837, 117.309

Deuteranomaly
44, 10.164, 103.763

Tritanomaly
44, 8.348, 181.707

Monochromacy



Original Color
44, 18.507, 144.023

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 6.862, 146.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.507, 144.023 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, 111, 86)` looks like.

```
.text, #text, p{  
    color:rgb(85, 111, 86)  
}
```

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, 111, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 111, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.507, 144.023 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, 111, 86) }
```

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

```
.border{ border-color:rgb(85, 111, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 111, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 111, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 111, 86);  
box-shadow:4px 4px 4px 4px rgb(85, 111,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.507, 144.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 111, 86) }
```

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

```
.background{ background-color: rgb(85, 111,  
86) }
```

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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