

Converting Colors

CIELCh(43, 15.652, 144.444)

Have a look what the booklet for
CIELCh(43, 15.652, 144.444)
contains.

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Color

CIELCh(43, 15.679, 144.432)

Conversions

Conversions Part 1

Format	Color
Hex	556B56
RGB	85, 107, 86
RGB Percent	33%, 42%, 34%
CMY	0.6661, 0.5798, 0.6622
CMYK	0.21, 0.00, 0.20, 0.58
HSL	123°, 11%, 38%
HSV	123°, 21%, 42%
XYZ	10.7173, 13.1578, 10.8084
YIQ	98.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

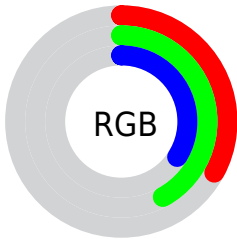
Format	Color
R_{YB}	85, 106, 107
Decimal	5598038
CIE _{Lab}	43.00, -12.75, 9.12
CIE _{LCh}	43, 15.679, 144.432
Yxy	13.1578, 0.3090, 0.3794
Android (android.graphics.Color)	4283788118 (0xFF556B56)
YUV	98.0280, -5.9298, -11.4256
Hunter-Lab	36.2736, -10.7398, 7.7250

Details

The CIELCh color $43, 15.679, 144.432$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $39, 15.696, 326.752$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 15.271, 144.754$, and $23, 15.946, 144.942$ is the 20% darker color. If you saturate the color by 10%, you get $42, 23.316, 143.661$, and if you desaturate by 10%, it is $44, 8.011, 145.104$.

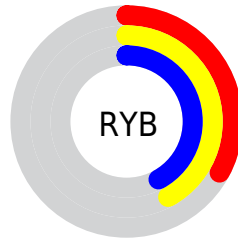
Distribution



Red (33%)

Green (42%)

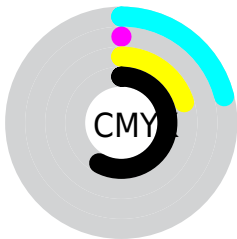
Blue (34%)



Red (33%)

Yellow (42%)

Blue (42%)

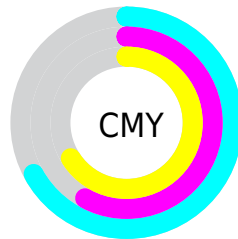


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (58%)



Cyan (67%)


Magenta (58%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 15.679, 144.432 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 43, 15.679, 144.432 by changing the saturation by 10% instead.


 43, 15.679,
144.432


 43, 15.679,
144.432


 100, 15.679,
144.432


 33, 15.679,
144.432

 63, 15.679,
144.432


 23, 15.679,
144.432

 73, 15.679,
144.432

 13, 15.679,
144.432

 83, 15.679,
144.432

 3, 15.679, 144.432

 93, 15.679,
144.432

 0, 15.679, 144.432

 43, 15.679,

 43, 15.679,

144.432

■ 42, 23.316,
143.661

■ 41, 30.797,
142.777

■ 41, 37.970,
141.779

■ 40, 44.652,
140.681

■ 40, 50.626,
139.523

■ 39, 55.656,
138.380

■ 39, 59.501,
137.358

■ 39, 62.223,
136.709

144.432

■ 44, 8.011, 145.104

■ 45, 0.401, 146.075

■ 46, 7.082, 326.112

■ 48, 14.393,
326.541

■ 49, 21.503,
326.904

■ 51, 28.396,
327.214

■ 52, 35.066,
327.483

■ 54, 41.512,
327.716

■ 56, 47.742,

Harmonies

Complementary

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



43, 15.679, 144.432



39, 15.696, 326.752

Rectangle

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



43, 15.679, 144.432



43, 15.679, 194.432



43, 15.679, 324.432



43, 15.679, 14.432

Sweetspot

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



43, 15.680, 144.432



57, 5.670, 145.378



45, 13.036, 109.721



30, 3.792, 145.350



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 15.680, 144.432



55, 23.819, 144.048



43, 10.931, 163.770



22, 4.265, 145.203



42, 66.467, 136.643



85, 115.400, 136.275

Inverse Universe

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



39, 15.696, 326.752



49, 23.836, 327.027



39, 11.246, 347.224



21, 4.273, 326.125



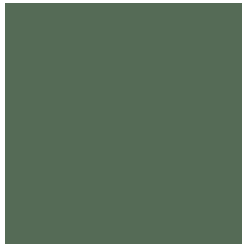
27, 62.926, 330.046



57, 108.064, 330.158

Previews

White Background



This preview shows how the CIELCh color 43, 15.679, 144.432 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 43, 15.679, 144.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

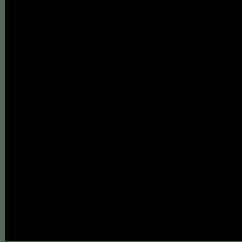
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 15.679, 144.432

Background



This preview shows how black text looks on a background with the CIELCh color 43, 15.679, 144.432.



This preview shows how white text looks on a background with the CIELCh color 43, 15.679, 144.432.

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

43, 15.679, 144.432

Protanopia

43, 11.097, 94.684

Deuteranopia

43, 10.020, 56.653



Tritanopia
43, 7.131, 241.547

Trichromacy



Original Color
43, 15.679, 144.432

Protanomaly
43, 11.490, 117.242

Deuteranomaly
43, 8.563, 97.146

Tritanomaly
43, 6.910, 188.547

Monochromacy



Original Color
43, 15.679, 144.432

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 5.415, 147.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 15.679, 144.432 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, 107, 86)` looks like.

```
.text, #text, p{  
    color:rgb(85, 107, 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, 107, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 107, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 15.679, 144.432 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, 107, 86) }
```

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

```
.border{ border-color:rgb(85, 107, 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, 107, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 107, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 107, 86);  
box-shadow:4px 4px 4px 4px rgb(85, 107,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 15.679, 144.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 107, 86) }
```

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

```
.background{ background-color: rgb(85, 107,  
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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