

Converting Colors

CIELCh(43, 12.499, 147.995)

Have a look what the booklet for
CIELCh(43, 12.499, 147.995)
contains.

CIELCh(43, 12.520, 147.984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 12.520, 147.984)

Conversions

Conversions Part 1

Format	Color
Hex	576A5A
RGB	87, 106, 90
RGB Percent	34%, 42%, 35%
CMY	0.6576, 0.5831, 0.6459
CMYK	0.18, 0.00, 0.15, 0.58
HSL	129°, 10%, 38%
HSV	129°, 18%, 42%
XYZ	11.0044, 13.1578, 11.7011
YIQ	98.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

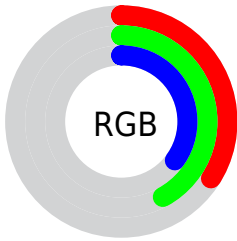
Format	Color
R_{YB}	87, 103, 106
Decimal	5728858
CIE _{Lab}	43.00, -10.62, 6.64
CIE _{LCh}	43, 12.520, 147.984
Yxy	13.1578, 0.3068, 0.3669
Android (android.graphics.Color)	4283918938 (0xFF576A5A)
YUV	98.4950, -4.1880, -10.0811
Hunter-Lab	36.2736, -9.3270, 6.2658

Details

The CIELCh color $43, 12.520, 147.984$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 12.555, 330.104$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 12.324, 148.059$, and $23, 13.033, 147.491$ is the 20% darker color. If you saturate the color by 10%, you get $42, 19.547, 147.208$, and if you desaturate by 10%, it is $44, 5.490, 148.670$.

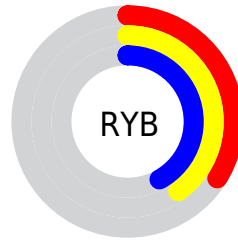
Distribution



Red (34%)

Green (42%)

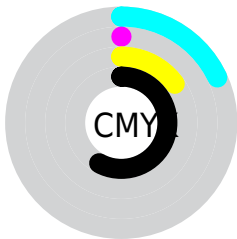
Blue (35%)



Red (34%)

Yellow (40%)

Blue (42%)

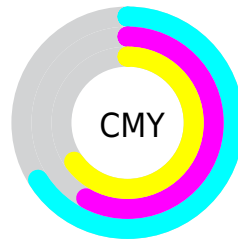


Cyan (18%)

Magenta (0%)

Yellow (15%)

Black (58%)



Cyan (66%)


Magenta (58%)

Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 12.520, 147.984 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, 12.520, 147.984 by changing the saturation by 10% instead.

 43, 12.520,
147.984


 43, 12.520,
147.984


 100, 12.520,
147.984


 33, 12.520,
147.984

 63, 12.520,
147.984


 23, 12.520,
147.984

 73, 12.520,
147.984

 13, 12.520,
147.984


 83, 12.520,
147.984

 3, 12.520, 147.984

 93, 12.520,
147.984

 0, 12.520, 147.984

 43, 12.520,

 43, 12.520,

147.984

147.984

■ 42, 19.547,
147.208

■ 44, 5.490, 148.670

■ 41, 26.473,
146.318

■ 45, 1.472, 329.086

■ 46, 8.311, 329.693

■ 41, 33.183,
145.298

■ 48, 14.989,
330.141

■ 40, 39.540,
144.142

■ 49, 21.484,
330.529

■ 39, 45.395,
142.856

■ 51, 27.781,
330.869

■ 39, 50.593,
141.466

■ 52, 33.876,
331.171

■ 39, 54.982,
140.027

■ 54, 39.769,
331.439

■ 39, 58.536,
138.753

■ 55, 45.466,

■ 39, 59.206,
138.553

331.679

Harmonies

Complementary

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



43, 12.520, 147.984



39, 12.555, 330.104

Rectangle

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



43, 12.520, 147.984



43, 12.520, 197.984



43, 12.520, 327.984



43, 12.520, 17.984

Sweetspot

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



43, 12.521, 147.984



57, 4.297, 148.855



44, 11.363, 114.806



29, 2.911, 148.820



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 12.521, 147.984



55, 18.200, 147.710



43, 8.714, 171.042



22, 3.941, 148.597



43, 63.767, 138.370



85, 112.015, 137.507

Inverse Universe

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



39, 12.555, 330.104



49, 18.251, 330.323



39, 9.071, 354.210



21, 3.952, 329.574



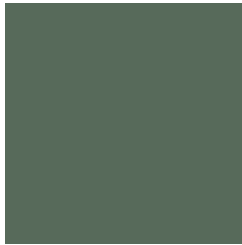
26, 57.836, 335.354



56, 98.844, 335.850

Previews

White Background



This preview shows how the CIELCh color 43, 12.520, 147.984 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, 12.520, 147.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

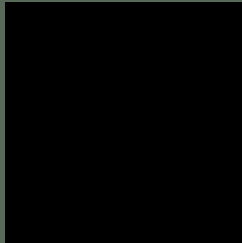
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

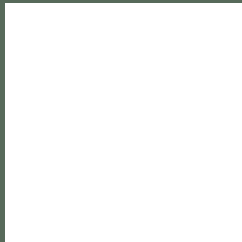
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 12.520, 147.984

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.520, 147.984.



This preview shows how white text looks on a background with the CIELCh color 43, 12.520, 147.984.

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

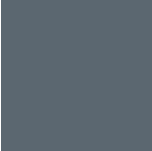
43, 12.520, 147.984

Protanopia

43, 8.083, 93.359

Deuteranopia

43, 8.264, 45.860



Tritanopia
43, 7.035, 249.629

Trichromacy



Original Color
43, 12.520, 147.984

Protanomaly
43, 8.561, 120.520

Deuteranomaly
43, 6.230, 93.206

Tritanomaly
43, 5.586, 198.785

Monochromacy



Original Color
43, 12.520, 147.984

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.666, 148.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.520, 147.984 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(87, 106, 90)` looks like.

```
.text, #text, p{  
    color:rgb(87, 106, 90)  
}
```

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(87, 106, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 106, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.520, 147.984 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(87, 106, 90) }
```

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

```
.border{ border-color:rgb(87, 106, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 106, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 106, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 106, 90);  
box-shadow:4px 4px 4px 4px rgb(87, 106,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.520, 147.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 106, 90) }
```

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

```
.background{ background-color: rgb(87, 106,  
90) }
```

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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