

Converting Colors

CIELCh(43, 12.114, 163.259)

Have a look what the booklet for
CIELCh(43, 12.114, 163.259)
contains.

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Color

CIELCh(43, 12.218, 161.795)

Conversions

Conversions Part 1

Format	Color
Hex	536B5F
RGB	83, 107, 95
RGB Percent	33%, 42%, 37%
CMY	0.6748, 0.5807, 0.6278
CMYK	0.22, 0.00, 0.11, 0.58
HSL	150°, 13%, 37%
HSV	150°, 22%, 42%
XYZ	10.8707, 13.1578, 12.7735
YIQ	98.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

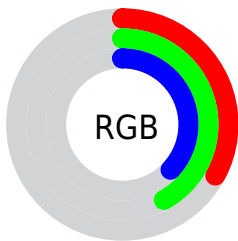
Format	Color
R_{YB}	83, 99, 107
Decimal	5466975
CIE Lab	43.00, -11.61, 3.82
CIE LCh	43, 12.218, 161.795
Yxy	13.1578, 0.2954, 0.3575
Android (android.graphics.Color)	4283657055 (0xFF536B5F)
YUV	98.4560, -1.7038, -13.5549
Hunter-Lab	36.2736, -9.9847, 4.5129

Details

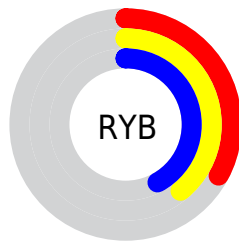
The CIELCh color $43, 12.218, 161.795$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $38, 12.546, 345.509$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 12.059, 161.302$, and $23, 12.592, 161.664$ is the 20% darker color. If you saturate the color by 10%, you get $42, 17.559, 160.801$, and if you desaturate by 10%, it is $44, 6.787, 162.697$.

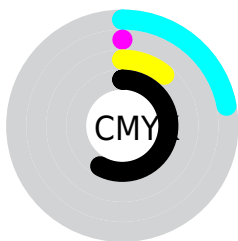
Distribution



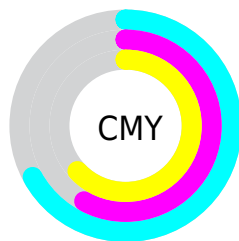
- Red (33%)
- Green (42%)
- Blue (37%)



- Red (33%)
- Yellow (39%)
- Blue (42%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (58%)





- Cyan (67%)
- Magenta (58%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 12.218, 161.795 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, 12.218, 161.795 by changing the saturation by 10% instead.


 43, 12.218,
161.795


 43, 12.218,
161.795


 100, 12.218,
161.795


 33, 12.218,
161.795

 63, 12.218,
161.795


 23, 12.218,
161.795

 73, 12.218,
161.795

 13, 12.218,
161.795


 83, 12.218,
161.795

 3, 12.218, 161.795

 93, 12.218,
161.795

 0, 12.218, 161.795

 43, 12.218,

 43, 12.218,

161.795

■ 42, 17.559,
160.801

■ 41, 22.733,
159.696

■ 41, 27.659,
158.456

■ 40, 32.254,
157.060

■ 40, 36.446,
155.488

■ 40, 40.181,
153.729

■ 39, 43.444,
151.790

■ 39, 45.786,
150.405

161.795

■ 44, 6.787, 162.697

■ 45, 1.329, 163.657

■ 46, 4.104, 344.135

■ 47, 9.471, 344.846

■ 48, 14.741,
345.482

■ 50, 19.894,
346.069

■ 51, 24.916,
346.616

■ 53, 29.800,
347.131

■ 54, 34.543,
347.616

Harmonies

Complementary

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



43, 12.218, 161.795



38, 12.546, 345.509

Rectangle

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



43, 12.218, 161.795



43, 12.218, 211.795



43, 12.218, 341.795



43, 12.218, 31.795

Sweetspot

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



43, 12.219, 161.793



57, 4.766, 163.156



44, 15.144, 127.509



30, 3.121, 163.124



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, 12.219, 161.793



55, 18.316, 161.278



43, 9.313, 196.845



22, 3.068, 163.001



43, 49.161, 150.145



85, 87.120, 148.706

Inverse Universe

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



38, 12.546, 345.509



48, 18.921, 346.026



38, 10.662, 19.640



21, 3.104, 344.301



24, 47.927, 0.159



53, 82.063, 2.838

Previews

White Background



This preview shows how the CIE LCh color 43, 12.218, 161.795 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 43, 12.218, 161.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

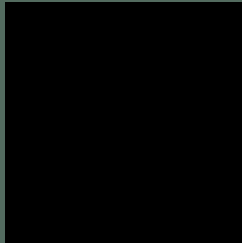
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 12.218, 161.795

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.218, 161.795.



This preview shows how white text looks on a background with the CIELCh color 43, 12.218, 161.795.

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

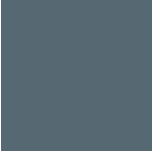
43, 12.218, 161.795

Protanopia

43, 5.655, 91.667

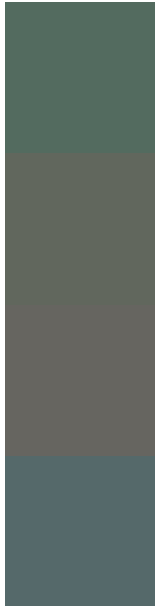
Deuteranopia

43, 6.442, 25.489



Tritanopia
43, 8.591, 238.085

Trichromacy



Original Color
43, 12.218, 161.795

Protanomaly
43, 6.530, 132.114

Deuteranomaly
43, 3.024, 101.704

Tritanomaly
43, 7.819, 202.956

Monochromacy



Original Color
43, 12.218, 161.795

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.119, 163.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.218, 161.795 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(83, 107, 95)` looks like.

```
.text, #text, p{  
    color:rgb(83, 107, 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(83, 107, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 107, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.218, 161.795 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(83, 107, 95) }
```

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

```
.border{ border-color:rgb(83, 107, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 107, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 107, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 107, 95);  
box-shadow:4px 4px 4px 4px rgb(83, 107,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.218, 161.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 107, 95) }
```

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

```
.background{ background-color: rgb(83, 107,  
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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