

Converting Colors

CIELCh(43, 11.804, 252.541)

Have a look what the booklet for
CIELCh(43, 11.804, 252.541)
contains.

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Color

CIELCh(43, 11.881, 253.390)

Conversions

Conversions Part 1

Format	Color
Hex	546878
RGB	84, 104, 120
RGB Percent	33%, 41%, 47%
CMY	0.6703, 0.5919, 0.5292
CMYK	0.30, 0.13, 0.00, 0.53
HSL	207°, 18%, 40%
HSV	207°, 30%, 47%
XYZ	12.0117, 13.1578, 19.6955
YIQ	99.8440, -17.0560, 0.7360

Conversions

Conversions Part 2

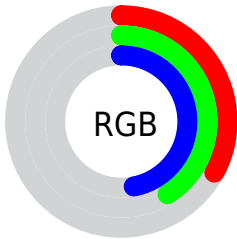
Format	Color
R_{YB}	84, 97, 120
Decimal	5531768
CIE _{Lab}	43.00, -3.40, -11.39
CIE _{LCh}	43, 11.881, 253.390
Yxy	13.1578, 0.2677, 0.2933
Android (android.graphics.Color)	4283721848 (0xFF546878)
YUV	99.8440, 9.9369, -13.8952
Hunter-Lab	36.2736, -4.3702, -6.8011

Details

The CIELCh color **43, 11.881, 253.390** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 13.218, 65.920**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 11.871, 252.535**, and **23, 12.165, 254.577** is the 20% darker color. If you saturate the color by 10%, you get **41, 15.630, 255.351**, and if you desaturate by 10%, it is **45, 8.011, 251.749**.

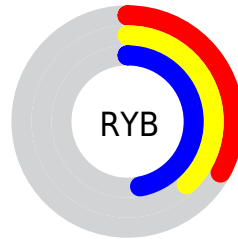
Distribution



Red (33%)

Green (41%)

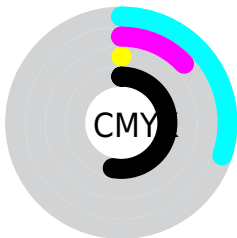
Blue (47%)



Red (33%)

Yellow (38%)

Blue (47%)

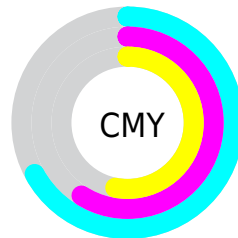


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (53%)



Cyan (67%)


Magenta (59%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 11.881, 253.390 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, 11.881, 253.390 by changing the saturation by 10% instead.


 43, 11.881,
253.390


 43, 11.881,
253.390


 100, 11.881,
253.390


 33, 11.881,
253.390

 63, 11.881,
253.390


 23, 11.881,
253.390

 73, 11.881,
253.390

 13, 11.881,
253.390


 83, 11.881,
253.390

 3, 11.881, 253.390

 93, 11.881,
253.390

 0, 11.881, 253.390

 43, 11.881,

 43, 11.881,

253.390

253.390

■ 41, 15.630,
255.351

■ 45, 8.011, 251.749

■ 38, 19.243,
257.700

■ 48, 4.043, 250.401

■ 50, 0.005, 355.018

■ 36, 22.712,
260.492

■ 53, 4.102, 68.111

■ 34, 26.046,
263.774

■ 56, 8.239, 67.305

■ 58, 12.399, 66.595

■ 32, 29.278,
267.559

■ 61, 16.567, 65.976

■ 30, 32.464,
271.805

■ 63, 20.732, 65.436

■ 66, 24.887, 64.960

■ 28, 35.740,
276.054

■ 28, 35.745,
276.060

Harmonies

Complementary

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



43, 11.881, 253.390



44, 13.218, 65.920

Rectangle

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



43, 11.881, 253.390



43, 11.881, 303.390



43, 11.881, 73.390



43, 11.881, 123.390

Sweetspot

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



43, 11.880, 253.386



61, 4.508, 250.310



47, 18.838, 157.706



32, 3.153, 250.455



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 11.880, 253.386



53, 17.472, 254.703



38, 20.707, 291.001



24, 2.319, 250.295



29, 36.916, 276.280



58, 65.153, 279.055

Inverse Universe

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



40, 19.173, 343.243



49, 28.453, 343.930



49, 19.516, 104.421



24, 3.607, 341.412



26, 50.901, 355.522



55, 85.025, 357.611

Previews

White Background



This preview shows how the CIE LCh color 43, 11.881, 253.390 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, 11.881, 253.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

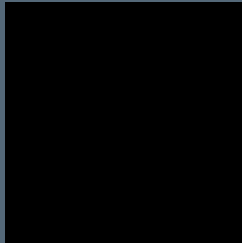
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

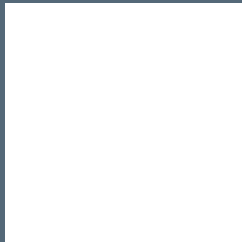
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 11.881, 253.390

Background



This preview shows how black text looks on a background with the CIELCh color 43, 11.881, 253.390.

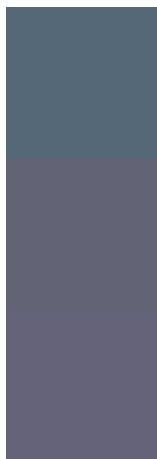


This preview shows how white text looks on a background with the CIELCh color 43, 11.881, 253.390.

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, 11.881, 253.390

Protanopia

43, 10.861, 287.699

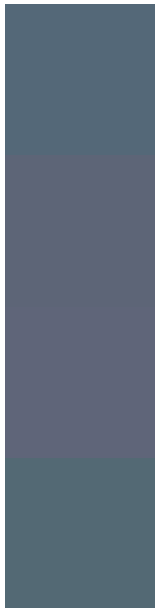
Deuteranopia

43, 13.306, 295.371



Tritanopia
43, 9.717, 232.673

Trichromacy



Original Color
43, 11.881, 253.390

Protanomaly
43, 11.175, 276.070

Deuteranomaly
43, 12.192, 281.243

Tritanomaly
43, 10.340, 238.690

Monochromacy



Original Color
43, 11.881, 253.390

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.517, 252.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 11.881, 253.390 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, 104, 120)` looks like.

```
.text, #text, p{  
    color:rgb(84, 104, 120)  
}
```

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, 104, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 104, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 11.881, 253.390 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, 104, 120) }
```

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

```
.border{ border-color:rgb(84, 104, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 104, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 104, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 104, 120);  
box-shadow:4px 4px 4px 4px rgb(84, 104,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 11.881, 253.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 104, 120) }
```

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

```
.background{ background-color: rgb(84, 104,  
120) }
```

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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