

Converting Colors

CIELCh(43, 14.775, 198.614)

Have a look what the booklet for
CIELCh(43, 14.775, 198.614)
contains.

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Color

CIELCh(43, 14.593, 200.121)

Conversions

Conversions Part 1

Format	Color
Hex	446C6D
RGB	68, 108, 109
RGB Percent	27%, 42%, 43%
CMY	0.7319, 0.5750, 0.5711
CMYK	0.37, 0.01, 0.00, 0.57
HSL	181°, 23%, 35%
HSV	181°, 37%, 43%
XYZ	10.5915, 13.1578, 16.5540
YIQ	96.1540, -24.1610, -8.1690

Conversions

Conversions Part 2

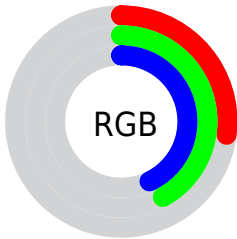
Format	Color
R_{YB}	68, 88, 109
Decimal	4484205
CIE _{Lab}	43.00, -13.70, -5.02
CIE _{LCh}	43, 14.593, 200.121
Yxy	13.1578, 0.2628, 0.3265
Android (android.graphics.Color)	4282674285 (0xFF446C6D)
YUV	96.1540, 6.3331, -24.6911
Hunter-Lab	36.2736, -11.3587, -1.6663

Details

The CIELCh color **43, 14.593, 200.121** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 18.753, 24.354**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 14.877, 198.120**, and **23, 14.395, 202.388** is the 20% darker color. If you saturate the color by 10%, you get **42, 17.675, 199.887**, and if you desaturate by 10%, it is **44, 11.113, 200.422**.

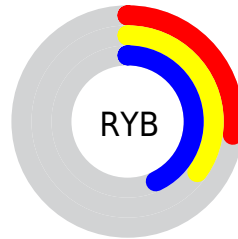
Distribution



Red (27%)

Green (42%)

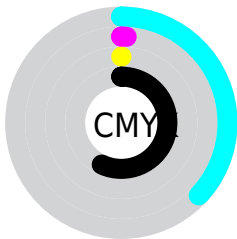
Blue (43%)



Red (27%)

Yellow (35%)

Blue (43%)

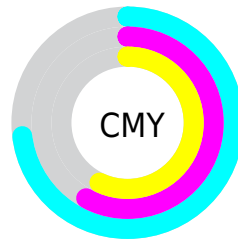


Cyan (37%)

Magenta (1%)

Yellow (0%)

Black (57%)



Cyan (73%)


Magenta (58%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 14.593, 200.121 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, 14.593, 200.121 by changing the saturation by 10% instead.


 43, 14.593,
200.121


 43, 14.593,
200.121


 100, 14.593,
200.121


 33, 14.593,
200.121

 63, 14.593,
200.121


 23, 14.593,
200.121

 73, 14.593,
200.121

 13, 14.593,
200.121

 83, 14.593,
200.121

 3, 14.593, 200.121

 93, 14.593,
200.121

 0, 14.593, 200.121

 43, 14.593,

 43, 14.593,

200.121

■ 42, 17.675,
199.887

■ 42, 20.302,
199.736

■ 41, 22.431,
199.672

■ 41, 24.039,
199.702

■ 41, 25.127,
199.830

■ 41, 25.833,
200.030

■ 41, 26.006,
200.080

200.121

■ 44, 11.113,
200.422

■ 45, 7.296, 200.794

■ 45, 3.206, 201.263

■ 46, 1.098, 21.274

■ 48, 5.562, 22.014

■ 49, 10.140, 22.547

■ 50, 14.791, 23.079

■ 51, 19.484, 23.616

■ 53, 24.194, 24.157

Harmonies

Complementary

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



43, 14.593, 200.121



34, 18.753, 24.354

Rectangle

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



43, 14.593, 200.121



43, 14.593, 250.121



43, 14.593, 20.121



43, 14.593, 70.121

Sweetspot

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



43, 14.593, 200.118



58, 5.807, 201.066



42, 29.595, 142.283



29, 3.865, 201.021



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, 14.593, 200.118



55, 20.970, 199.912



37, 14.653, 263.095



22, 2.356, 201.183



43, 27.328, 200.109



86, 46.939, 200.337

Inverse Universe

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



35, 29.414, 327.030



43, 43.494, 327.452



39, 16.021, 72.709



21, 4.335, 325.538



27, 63.934, 329.183



58, 109.898, 329.240

Previews

White Background



This preview shows how the CIELCh color 43, 14.593, 200.121 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, 14.593, 200.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

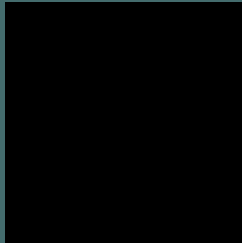
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 14.593, 200.121

Background



This preview shows how black text looks on a background with the CIELCh color 43, 14.593, 200.121.



This preview shows how white text looks on a background with the CIELCh color 43, 14.593, 200.121.

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, 14.593, 200.121

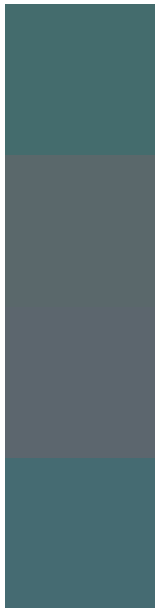
Protanopia
43, 2.451, 300.125

Deuteranopia
43, 8.517, 313.447



Tritanopia
43, 14.041, 220.914

Trichromacy



Original Color
43, 14.593, 200.121

Protanomaly
43, 5.762, 217.156

Deuteranomaly
43, 6.128, 251.208

Tritanomaly
43, 14.083, 215.505

Monochromacy



Original Color
43, 14.593, 200.121

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 5.610, 198.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 14.593, 200.121 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(68, 108, 109)` looks like.

```
.text, #text, p{  
    color:rgb(68, 108, 109)  
}
```

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(68, 108, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 108, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 14.593, 200.121 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(68, 108, 109) }
```

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

```
.border{ border-color:rgb(68, 108, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 108, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(68, 108, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(68, 108, 109); box-shadow:4px 4px 4px 4px rgb(68, 108, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 14.593, 200.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 108, 109) }
```

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

```
.background{ background-color: rgb(68, 108,  
109) }
```

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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