

Converting Colors

CIELCh(43, 13.895, 199.453)

Have a look what the booklet for
CIELCh(43, 13.895, 199.453)
contains.

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Color

CIELCh(43, 13.968, 200.299)

Conversions

Conversions Part 1

Format	Color
Hex	466C6D
RGB	70, 108, 109
RGB Percent	27%, 42%, 43%
CMY	0.7251, 0.5761, 0.5722
CMYK	0.36, 0.01, 0.00, 0.57
HSL	182°, 22%, 35%
HSV	182°, 36%, 43%
XYZ	10.6712, 13.1578, 16.4730
YIQ	96.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

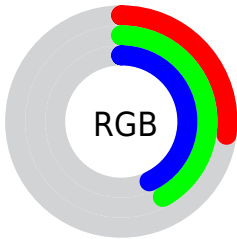
Format	Color
RYB	70, 89, 109
Decimal	4615277
CIELab	43.00, -13.10, -4.85
CIELCh	43, 13.968, 200.299
Yxy	13.1578, 0.2648, 0.3265
Android (android.graphics.Color)	4282805357 (0xFF466C6D)
YUV	96.7520, 6.0383, -23.4615
Hunter-Lab	36.2736, -10.9666, -1.5340

Details

The CIELCh color **43, 13.968, 200.299** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 17.717, 24.241**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 14.230, 198.177**, and **23, 13.707, 202.768** is the 20% darker color. If you saturate the color by 10%, you get **42, 17.113, 200.058**, and if you desaturate by 10%, it is **44, 10.437, 200.606**.

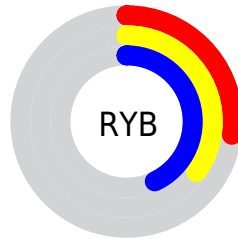
Distribution



Red (27%)

Green (42%)

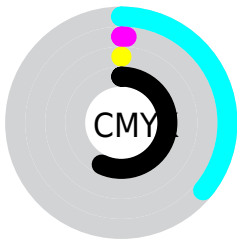
Blue (43%)



Red (27%)

Yellow (35%)

Blue (43%)

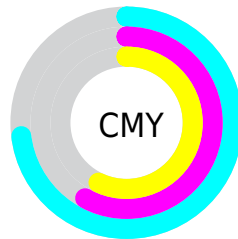


Cyan (36%)

Magenta (1%)

Yellow (0%)

Black (57%)



Cyan (73%)


Magenta (58%)


Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 13.968, 200.299 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, 13.968, 200.299 by changing the saturation by 10% instead.


 43, 13.968,
200.299


 43, 13.968,
200.299


 100, 13.968,
200.299


 33, 13.968,
200.299

 63, 13.968,
200.299


 23, 13.968,
200.299

 73, 13.968,
200.299

 13, 13.968,
200.299


 83, 13.968,
200.299

 3, 13.968, 200.299

 93, 13.968,
200.299

 0, 13.968, 200.299

 43, 13.968,

 43, 13.968,

200.299

■ 42, 17.113,
200.058

■ 42, 19.814,
199.900

■ 41, 22.024,
199.830

■ 41, 23.718,
199.855

■ 41, 24.890,
199.979

■ 40, 25.627,
200.189

■ 40, 25.918,
200.280

200.299

■ 44, 10.437,
200.606

■ 45, 6.581, 200.986

■ 46, 2.463, 201.486

■ 47, 1.859, 21.599

■ 48, 6.331, 22.214

■ 49, 10.909, 22.742

■ 50, 15.555, 23.271

■ 51, 20.238, 23.806

■ 53, 24.934, 24.344

Harmonies

Complementary

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



43, 13.968, 200.299



34, 17.717, 24.241

Rectangle

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



43, 13.968, 200.299



43, 13.968, 250.299



43, 13.968, 20.299



43, 13.968, 70.299

Sweetspot

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



43, 13.968, 200.296



58, 5.799, 201.183



42, 28.192, 142.439



29, 3.860, 201.138



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, 13.968, 200.296



55, 20.205, 200.090



37, 13.957, 262.735



22, 2.353, 201.299



43, 27.283, 200.312



86, 46.858, 200.553

Inverse Universe

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



35, 28.005, 326.980



44, 41.649, 327.393



40, 15.191, 72.923



21, 4.331, 325.573



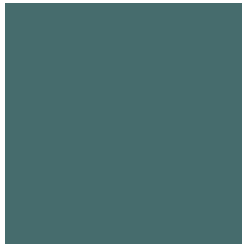
27, 63.872, 329.234



58, 109.786, 329.294

Previews

White Background



This preview shows how the CIELCh color 43, 13.968, 200.299 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, 13.968, 200.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

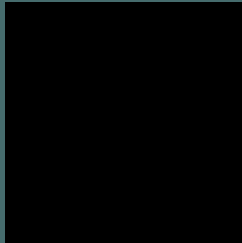
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 13.968, 200.299

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.968, 200.299.



This preview shows how white text looks on a background with the CIELCh color 43, 13.968, 200.299.

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, 13.968, 200.299

Protanopia

43, 2.451, 300.125

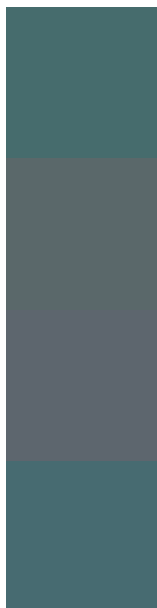
Deuteranopia

43, 8.517, 313.447



Tritanopia
43, 13.475, 221.986

Trichromacy



Original Color
43, 13.968, 200.299

Protanomaly
43, 5.641, 211.179

Deuteranomaly
43, 5.901, 254.142

Tritanomaly
43, 13.403, 213.749

Monochromacy



Original Color
43, 13.968, 200.299

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, 13.968, 200.299 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(70, 108, 109)` looks like.

```
.text, #text, p{  
    color:rgb(70, 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(70, 108, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 108, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.968, 200.299 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(70, 108, 109) }
```

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

```
.border{ border-color:rgb(70, 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(70, 108, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 108, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 108, 109);  
box-shadow:4px 4px 4px 4px rgb(70, 108,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.968, 200.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 108, 109) }
```

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

```
.background{ background-color: rgb(70, 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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