

Converting Colors

CIELCh(43, 6.243, 252.416)

Have a look what the booklet for
CIELCh(43, 6.243, 252.416) contains.

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Color

CIELCh(43, 6.119, 251.190)

Conversions

Conversions Part 1

Format	Color
Hex	5D676F
RGB	93, 103, 111
RGB Percent	36%, 40%, 44%
CMY	0.6355, 0.5963, 0.5650
CMYK	0.16, 0.07, 0.00, 0.56
HSL	207°, 9%, 40%
HSV	207°, 16%, 44%
XYZ	12.2172, 13.1578, 16.9158
YIQ	100.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

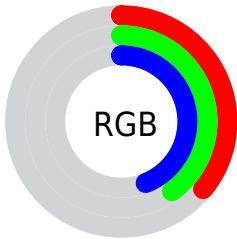
Format	Color
R_{YB}	93, 99, 111
Decimal	6121327
CIE Lab	43.00, -1.97, -5.79
CIE LCh	43, 6.119, 251.190
Yxy	13.1578, 0.2889, 0.3111
Android (android.graphics.Color)	4284311407 (0xFF5D676F)
YUV	100.9220, 4.9685, -6.9476
Hunter-Lab	36.2736, -3.3587, -2.2577

Details

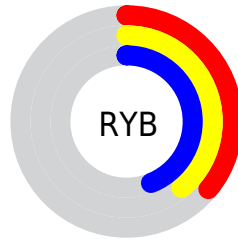
The CIELCh color $43, 6.119, 251.190$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 6.453, 67.390$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 6.387, 251.385$, and $23, 5.917, 251.403$ is the 20% darker color. If you saturate the color by 10%, you get $41, 9.783, 252.688$, and if you desaturate by 10%, it is $45, 2.370, 249.967$.

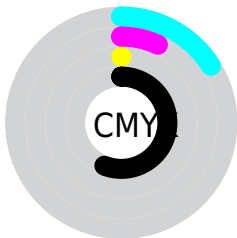
Distribution



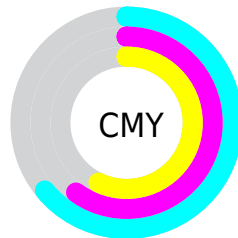
- Red (36%)
- Green (40%)
- Blue (44%)



- Red (36%)
- Yellow (39%)
- Blue (44%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 6.119, 251.190 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, 6.119, 251.190 by changing the saturation by 10% instead.

■ 43, 6.119, 251.190

■ 43, 6.119, 251.190

■ 100, 6.119,
251.190

■ 33, 6.119, 251.190

■ 63, 6.119, 251.190

■ 23, 6.119, 251.190

■ 73, 6.119, 251.190

■ 13, 6.119, 251.190

■ 83, 6.119, 251.190

■ 3, 6.119, 251.190

■ 93, 6.119, 251.190

■ 0, 6.119, 251.190

■ 43, 6.119, 251.190

■ 43, 6.119, 251.190

■ 41, 9.783, 252.688

■ 45, 2.370, 249.967

■ 38, 13.344,
254.499

■ 48, 1.441, 68.585

■ 36, 16.784,
256.664

■ 50, 5.299, 67.799

■ 34, 20.091,
259.241

■ 52, 9.185, 67.033

■ 32, 23.267,
262.282

■ 55, 13.087, 66.362

■ 30, 26.331,
265.818

■ 60, 20.894, 65.264

■ 62, 24.782, 64.812

■ 28, 29.327,
269.835

■ 64, 28.651, 64.410

■ 26, 32.343,
274.108

■ 25, 33.529,
275.588

Harmonies

Complementary

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



43, 6.119, 251.190



43, 6.453, 67.390

Rectangle

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



43, 6.119, 251.190



43, 6.119, 301.190



43, 6.119, 71.190



43, 6.119, 121.190

Sweetspot

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



43, 6.119, 251.180



59, 2.379, 249.864



45, 9.583, 158.998



30, 1.635, 249.914



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 6.119, 251.180



55, 8.912, 251.646



40, 10.233, 289.110



22, 2.156, 250.268



28, 35.689, 276.041



57, 64.079, 278.989

Inverse Universe

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



41, 9.647, 341.991



53, 14.136, 342.271



46, 9.929, 105.796



22, 3.353, 341.395



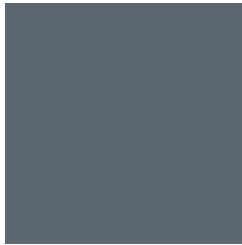
25, 49.436, 355.352



54, 83.735, 357.559

Previews

White Background



This preview shows how the CIELCh color 43, 6.119, 251.190 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, 6.119, 251.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

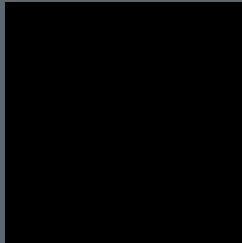
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

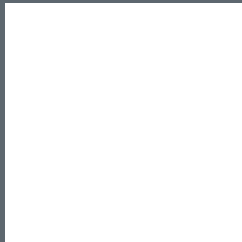
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 6.119, 251.190

Background



This preview shows how black text looks on a background with the CIELCh color 43, 6.119, 251.190.



This preview shows how white text looks on a background with the CIELCh color 43, 6.119, 251.190.

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, 6.119, 251.190

Protanopia

43, 5.419, 290.970

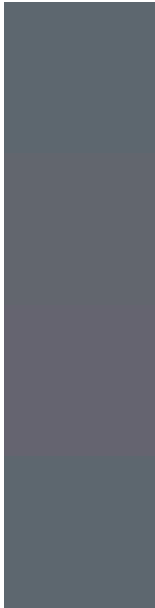
Deuteranopia

43, 8.358, 310.870



Tritanopia
43, 6.119, 251.190

Trichromacy



Original Color

43, 6.119, 251.190

Protanomaly

43, 5.037, 272.511

Deuteranomaly

43, 7.252, 294.362

Tritanomaly

43, 6.119, 251.190

Monochromacy



Original Color

43, 6.119, 251.190

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 2.405, 248.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 6.119, 251.190 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(93, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(93, 103, 111)  
}
```

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(93, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 103, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 6.119, 251.190 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(93, 103, 111) }
```

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

```
.border{ border-color:rgb(93, 103, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(93, 103,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 6.119, 251.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 103, 111) }
```

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

```
.background{ background-color: rgb(93, 103,  
111) }
```

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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