

Converting Colors

CIELCh(43, 6.461, 199.089)

Have a look what the booklet for
CIELCh(43, 6.461, 199.089) contains.

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Color

CIELCh(43, 6.722, 198.644)

Conversions

Conversions Part 1

Format	Color
Hex	586969
RGB	88, 105, 105
RGB Percent	35%, 41%, 41%
CMY	0.6555, 0.5888, 0.5888
CMYK	0.16, 0.00, 0.00, 0.59
HSL	180°, 9%, 38%
HSV	180°, 16%, 41%
XYZ	11.5897, 13.1578, 15.2538
YIQ	99.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

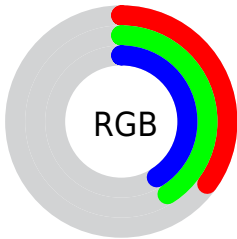
Format	Color
R_{YB}	88, 97, 105
Decimal	5794153
CIE _{Lab}	43.00, -6.37, -2.15
CIE _{LCh}	43, 6.722, 198.644
Yxy	13.1578, 0.2897, 0.3289
Android (android.graphics.Color)	4283984233 (0xFF586969)
YUV	99.9170, 2.5059, -10.4512
Hunter-Lab	36.2736, -6.4465, 0.4588

Details

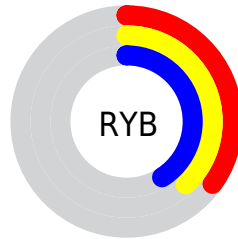
The CIELCh color **43, 6.722, 198.644** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 7.416, 20.397**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 6.701, 198.863**, and **23, 6.810, 198.216** is the 20% darker color. If you saturate the color by 10%, you get **42, 10.546, 198.163**, and if you desaturate by 10%, it is **44, 2.640, 199.208**.

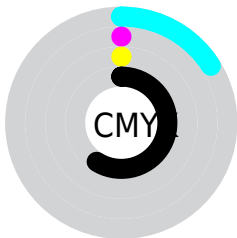
Distribution



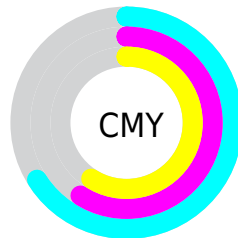
- Red (35%)
- Green (41%)
- Blue (41%)



- Red (35%)
- Yellow (38%)
- Blue (41%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (66%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 6.722, 198.644 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, 6.722, 198.644 by changing the saturation by 10% instead.

■ 43, 6.722, 198.644

■ 43, 6.722, 198.644

■ 100, 6.722,
198.644

■ 33, 6.722, 198.644

■ 63, 6.722, 198.644

■ 23, 6.722, 198.644

■ 73, 6.722, 198.644

■ 13, 6.722, 198.644

■ 83, 6.722, 198.644

■ 3, 6.722, 198.644

■ 93, 6.722, 198.644

■ 0, 6.722, 198.644

■ 43, 6.722, 198.644

■ 43, 6.722, 198.644

■ 42, 10.546,
198.163

■ 44, 2.640, 199.208

■ 42, 14.050,

■ 45, 1.644, 19.391

197.745

46, 6.076, 20.093

41, 17.172,
197.381

47, 10.611, 20.684

41, 19.858,
197.072

48, 15.209, 21.274

40, 22.067,
196.822

49, 19.840, 21.867

40, 23.773,
196.631

52, 29.108, 23.051

40, 24.977,
196.497

53, 33.710, 23.637

40, 25.784,
196.407

40, 26.076,
196.375

Harmonies

Complementary

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



43, 6.722, 198.644



39, 7.416, 20.397

Rectangle

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



43, 6.722, 198.644



43, 6.722, 248.644



43, 6.722, 18.644



43, 6.722, 68.644

Sweetspot

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



43, 6.723, 198.636



56, 2.624, 199.289



43, 12.455, 143.091



29, 1.802, 199.249



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 6.723, 198.636



54, 9.615, 198.473



41, 6.007, 255.686



22, 2.415, 199.028



44, 28.238, 196.374



88, 48.592, 196.374

Inverse Universe

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



39, 7.416, 20.397



49, 10.837, 20.672



41, 6.270, 71.726



21, 2.547, 19.845



23, 56.950, 37.574



51, 101.388, 39.998

Previews

White Background



This preview shows how the CIELCh color 43, 6.722, 198.644 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, 6.722, 198.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

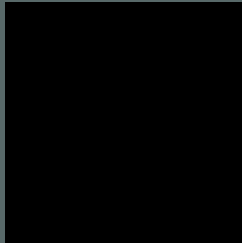
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

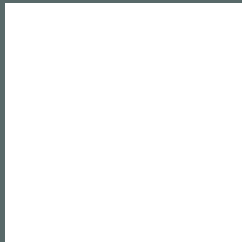
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 6.722, 198.644

Background



This preview shows how black text looks on a background with the CIELCh color 43, 6.722, 198.644.



This preview shows how white text looks on a background with the CIELCh color 43, 6.722, 198.644.

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

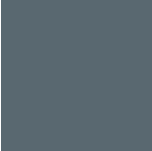
43, 6.722, 198.644

Protanopia

43, 1.032, 343.556

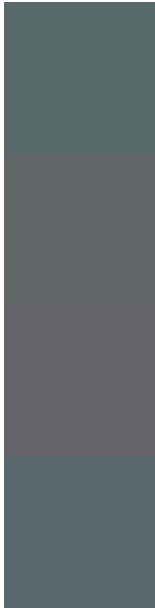
Deuteranopia

43, 6.640, 333.808



Tritanopia
43, 7.407, 239.591

Trichromacy



Original Color

43, 6.722, 198.644

Protanomaly

43, 2.112, 215.901

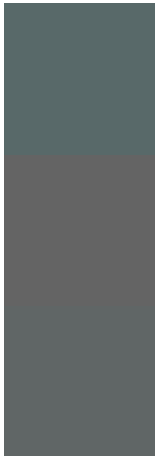
Deuteranomaly

43, 3.649, 297.097

Tritanomaly

43, 6.503, 226.497

Monochromacy



Original Color

43, 6.722, 198.644

Achromatopsia

42, 0.006, 296.813

Achromatomaly

43, 2.446, 199.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 6.722, 198.644 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(88, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(88, 105, 105)  
}
```

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(88, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 105, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 6.722, 198.644 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(88, 105, 105) }
```

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

```
.border{ border-color:rgb(88, 105, 105) }
```

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

Here you see how a box with a 4 pixel rgb(88, 105, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(88, 105,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 6.722, 198.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 105, 105) }
```

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

```
.background{ background-color: rgb(88, 105,  
105) }
```

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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