

Converting Colors

CIELCh(43, 2.886, 318.927)

Have a look what the booklet for
CIELCh(43, 2.886, 318.927) contains.

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Color

CIELCh(43, 2.719, 317.401)

Conversions

Conversions Part 1

Format	Color
Hex	686569
RGB	104, 101, 105
RGB Percent	41%, 40%, 41%
CMY	0.5938, 0.6055, 0.5899
CMYK	0.01, 0.04, 0.00, 0.59
HSL	285°, 2%, 40%
HSV	285°, 4%, 41%
XYZ	12.8037, 13.1578, 15.1183
YIQ	102.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

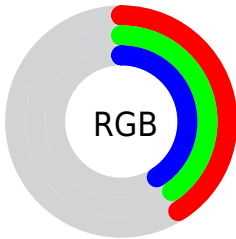
Format	Color
R_{YB}	104, 101, 105
Decimal	6841705
CIE _{Lab}	43.00, 2.00, -1.84
CIE _{LCh}	43, 2.719, 317.401
Yxy	13.1578, 0.3117, 0.3203
Android (android.graphics.Color)	4285031785 (0xFF686569)
YUV	102.3530, 1.3050, 1.4444
Hunter-Lab	36.2736, -0.4729, 0.6804

Details

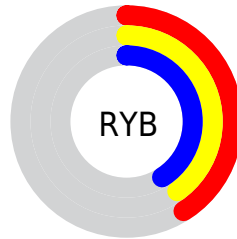
The CIELCh color **43, 2.719, 317.401** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 2.701, 137.182**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 2.531, 317.337**, and **23, 3.012, 317.518** is the 20% darker color. If you saturate the color by 10%, you get **40, 9.916, 317.834**, and if you desaturate by 10%, it is **46, 4.333, 137.082**.

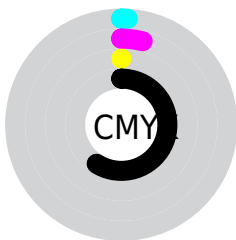
Distribution



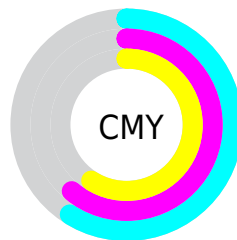
- Red (41%)
- Green (40%)
- Blue (41%)



- Red (41%)
- Yellow (40%)
- Blue (41%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (59%)



- Cyan (59%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 2.719, 317.401 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, 2.719, 317.401 by changing the saturation by 10% instead.

■ 43, 2.719, 317.401

■ 43, 2.719, 317.401

■ 100, 2.719,
317.401

■ 33, 2.719, 317.401

■ 63, 2.719, 317.401

■ 23, 2.719, 317.401

■ 73, 2.719, 317.401

■ 13, 2.719, 317.401

■ 83, 2.719, 317.401

■ 3, 2.719, 317.401

■ 93, 2.719, 317.401

■ 0, 2.719, 317.401

■ 43, 2.719, 317.401

■ 43, 2.719, 317.401

■ 40, 9.916, 317.834

■ 46, 4.333, 137.082

■ 37, 17.219,
318.252

■ 50, 11.211,
136.698

■ 33, 24.556,
318.662

■ 53, 17.906,
136.352

■ 31, 31.815,
319.048

■ 56, 24.414,
136.034

■ 28, 38.834,
319.387

■ 59, 30.739,
135.742

■ 25, 45.387,
319.645

■ 63, 36.885,
135.477

■ 23, 51.189,
319.783

■ 66, 42.860,
135.236

■ 21, 55.922,
319.755

■ 69, 48.672,
135.018

■ 19, 59.414,
319.536

■ 73, 54.329,
134.822

Harmonies

Complementary

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



43, 2.719, 317.401



44, 2.701, 137.182

Rectangle

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



43, 2.719, 317.401



43, 2.719, 7.401



43, 2.719, 137.401



43, 2.719, 187.401

Sweetspot

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



43, 2.718, 317.397



56, 0.881, 317.166



43, 1.812, 276.593



29, 0.505, 317.148



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, 2.718, 317.397



54, 4.395, 317.461



43, 2.489, 331.869



21, 2.449, 317.473



21, 66.772, 319.314



48, 115.170, 318.839

Inverse Universe

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



43, 1.773, 359.664



54, 2.872, 359.825



44, 2.477, 151.572



21, 1.601, 359.854



23, 49.922, 22.949



52, 88.016, 26.553

Previews

White Background



This preview shows how the CIELCh color 43, 2.719, 317.401 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, 2.719, 317.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

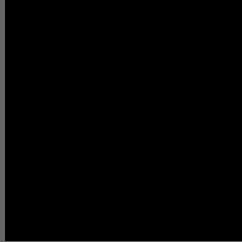
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

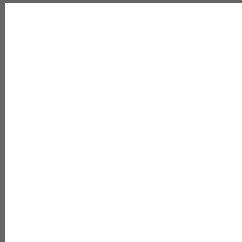
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 2.719, 317.401

Background



This preview shows how black text looks on a background with the CIELCh color 43, 2.719, 317.401.



This preview shows how white text looks on a background with the CIELCh color 43, 2.719, 317.401.

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, 2.719, 317.401

Protanopia

43, 2.451, 300.125

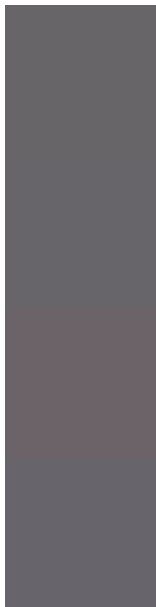
Deuteranopia

43, 6.535, 340.178



Tritanopia
43, 5.108, 309.363

Trichromacy



Original Color

43, 2.719, 317.401

Protanomaly

43, 2.556, 309.195

Deuteranomaly

43, 5.204, 336.175

Tritanomaly

43, 4.542, 311.763

Monochromacy



Original Color

43, 2.719, 317.401

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 1.471, 324.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 2.719, 317.401 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(104, 101, 105)` looks like.

```
.text, #text, p{  
    color:rgb(104, 101, 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(104, 101, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 101, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 2.719, 317.401 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(104, 101, 105) }
```

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

```
.border{ border-color:rgb(104, 101, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 101, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 101, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 101, 105);  
box-shadow:4px 4px 4px 4px rgb(104, 101,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 2.719, 317.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 101, 105) }
```

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

```
.background{ background-color: rgb(104,  
101, 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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