

Converting Colors

CIELCh(44, 5.384, 290.968)

Have a look what the booklet for
CIELCh(44, 5.384, 290.968) contains.

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Color

CIELCh(44, 5.401, 290.957)

Conversions

Conversions Part 1

Format	Color
Hex	676770
RGB	103, 103, 112
RGB Percent	40%, 40%, 44%
CMY	0.5949, 0.5949, 0.5596
CMYK	0.08, 0.08, 0.00, 0.56
HSL	240°, 4%, 42%
HSV	240°, 8%, 44%
XYZ	13.4497, 13.8382, 17.3805
YIQ	104.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

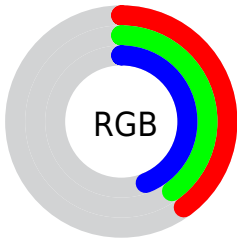
Format	Color
R_{YB}	103, 103, 112
Decimal	6776688
CIE _{Lab}	44.00, 1.93, -5.04
CIE _{LCh}	44, 5.401, 290.957
Yxy	13.8382, 0.3011, 0.3098
Android (android.graphics.Color)	4284966768 (0xFF676770)
YUV	104.0260, 3.9312, -0.8998
Hunter-Lab	37.1997, -0.5620, -1.6618

Details

The CIELCh color **44, 5.401, 290.957** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 5.301, 109.437**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 5.584, 290.786**, and **24, 5.317, 291.322** is the 20% darker color. If you saturate the color by 10%, you get **40, 12.364, 292.052**, and if you desaturate by 10%, it is **48, 1.302, 109.964**.

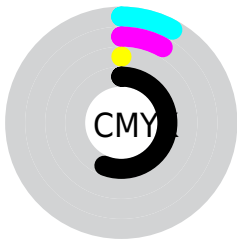
Distribution



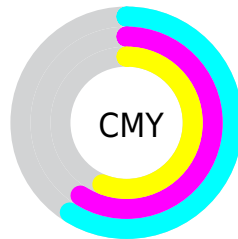
- Red (40%)
- Green (40%)
- Blue (44%)



- Red (40%)
- Yellow (40%)
- Blue (44%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 5.401, 290.957 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 44, 5.401, 290.957 by changing the saturation by 10% instead.

■ 44, 5.401, 290.957

■ 44, 5.401, 290.957

■ 100, 5.401,
290.957

■ 34, 5.401, 290.957

■ 64, 5.401, 290.957

■ 24, 5.401, 290.957

■ 74, 5.401, 290.957

■ 14, 5.401, 290.957

■ 84, 5.401, 290.957

■ 4, 5.401, 290.957

■ 94, 5.401, 290.957

■ 0, 5.401, 290.957

■ 44, 5.401, 290.957

■ 44, 5.401, 290.957

■ 40, 12.364,
292.052

■ 48, 1.302, 109.964

■ 36, 19.610,

■ 52, 7.762, 109.182

293.345

56, 13.995,
108.489

31, 27.154,
294.850

61, 20.019,
107.891

27, 35.000,
296.580

65, 25.846,
107.373

23, 43.105,
298.521

69, 31.490,
106.923

19, 51.313,
300.606

73, 36.960,
106.530

16, 59.239,
302.680

77, 42.269,
106.185

13, 66.125,
304.487

80, 47.426,
105.882

11, 71.834,
305.965

Harmonies

Complementary

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



44, 5.401, 290.957



47, 5.301, 109.437

Rectangle

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



44, 5.401, 290.957



44, 5.401, 340.957



44, 5.401, 110.957



44, 5.401, 160.957

Sweetspot

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



44, 5.400, 290.950



59, 1.651, 290.391



47, 3.595, 197.668



31, 0.946, 290.379



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 5.400, 290.950



55, 8.354, 291.181



44, 5.695, 308.814



21, 3.791, 291.050



12, 76.558, 306.284



31, 130.757, 306.286

Inverse Universe

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



45, 3.766, 19.772



56, 5.852, 19.942



47, 5.626, 128.159



22, 2.649, 19.847



24, 57.997, 37.784



52, 102.184, 39.996

Previews

White Background



This preview shows how the CIELCh color 44, 5.401, 290.957 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 44, 5.401, 290.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

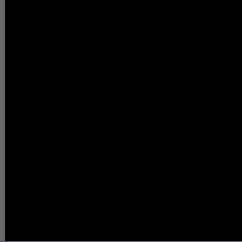
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

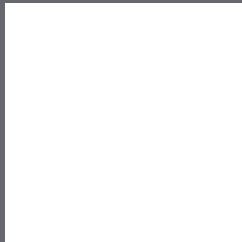
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 5.401, 290.957

Background



This preview shows how black text looks on a background with the CIELCh color 44, 5.401, 290.957.



This preview shows how white text looks on a background with the CIELCh color 44, 5.401, 290.957.

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

44, 5.401, 290.957

Protanopia

44, 5.401, 290.957

Deuteranopia

44, 8.099, 317.708



Tritanopia
44, 5.401, 290.957

Trichromacy



Original Color

44, 5.401, 290.957

Protanomaly

44, 5.401, 290.957

Deuteranomaly

44, 7.055, 311.025

Tritanomaly

44, 5.401, 290.957

Monochromacy



Original Color

44, 5.401, 290.957

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 1.801, 290.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 5.401, 290.957 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(103, 103, 112)` looks like.

```
.text, #text, p{  
    color:rgb(103, 103, 112)  
}
```

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(103, 103, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 103, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 5.401, 290.957 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(103, 103, 112) }
```

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

```
.border{ border-color:rgb(103, 103, 112) }
```

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

Here you see how a box with a 4 pixel rgb(103, 103, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 103, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 103, 112);  
box-shadow:4px 4px 4px 4px rgb(103, 103,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 5.401, 290.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 103, 112) }
```

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

```
.background{ background-color: rgb(103,  
103, 112) }
```

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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