

Converting Colors

CIELCh(44, 6.542, 280.760)

Have a look what the booklet for
CIELCh(44, 6.542, 280.760) contains.

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Color

CIELCh(44, 6.671, 280.968)

Conversions

Conversions Part 1

Format	Color
Hex	656873
RGB	101, 104, 115
RGB Percent	40%, 41%, 45%
CMY	0.6048, 0.5931, 0.5500
CMYK	0.12, 0.10, 0.00, 0.55
HSL	227°, 6%, 42%
HSV	227°, 12%, 45%
XYZ	13.3474, 13.8382, 18.1141
YIQ	104.3570, -5.3190, 2.7850

Conversions

Conversions Part 2

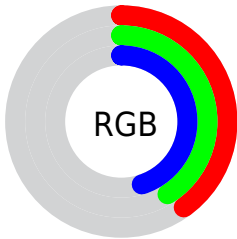
Format	Color
R_{YB}	101, 103, 115
Decimal	6645875
CIE Lab	44.00, 1.27, -6.55
CIE LCh	44, 6.671, 280.968
Yxy	13.8382, 0.2946, 0.3055
Android (android.graphics.Color)	4284835955 (0xFF656873)
YUV	104.3570, 5.2470, -2.9441
Hunter-Lab	37.1997, -1.0531, -2.8310

Details

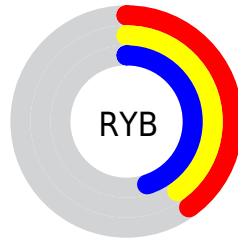
The CIELCh color **44, 6.671, 280.968** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 6.590, 98.176**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 6.764, 281.473**, and **24, 6.721, 280.726** is the 20% darker color. If you saturate the color by 10%, you get **40, 12.299, 282.326**, and if you desaturate by 10%, it is **48, 1.190, 279.852**.

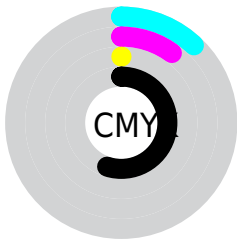
Distribution



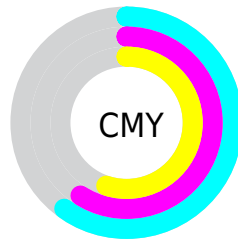
- Red (40%)
- Green (41%)
- Blue (45%)



- Red (40%)
- Yellow (40%)
- Blue (45%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.671, 280.968 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, 6.671, 280.968 by changing the saturation by 10% instead.

■ 44, 6.671, 280.968

■ 44, 6.671, 280.968

■ 100, 6.671,
280.968

■ 34, 6.671, 280.968

■ 64, 6.671, 280.968

■ 24, 6.671, 280.968

■ 74, 6.671, 280.968

■ 14, 6.671, 280.968

■ 84, 6.671, 280.968

■ 4, 6.671, 280.968

■ 94, 6.671, 280.968

■ 0, 6.671, 280.968

■ 44, 6.671, 280.968

■ 44, 6.671, 280.968

■ 40, 12.299,
282.326

■ 48, 1.190, 279.852

■ 37, 18.089,

■ 51, 4.151, 98.705

283.916

55, 9.358, 97.825

33, 24.054,
285.760

58, 14.439, 97.045

30, 30.211,
287.885

62, 19.397, 96.356

65, 24.238, 95.745

26, 36.574,
290.303

69, 28.966, 95.200

23, 43.135,
292.989

72, 33.585, 94.713

75, 38.099, 94.273

20, 49.828,
295.864

17, 56.464,
298.770

15, 61.431,
300.734

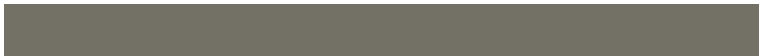
Harmonies

Complementary

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



44, 6.671, 280.968



47, 6.590, 98.176

Rectangle

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



44, 6.671, 280.968



44, 6.671, 330.968



44, 6.671, 100.968



44, 6.671, 150.968

Sweetspot

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



44, 6.670, 280.961



60, 2.708, 280.023



47, 5.878, 180.997



31, 1.940, 280.088



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 6.670, 280.961



56, 10.285, 281.376



43, 8.587, 301.890



23, 3.122, 280.577



16, 64.751, 300.939



37, 115.295, 302.449

Inverse Universe

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



44, 6.135, 3.213



56, 9.493, 3.551



48, 8.393, 120.498



23, 2.861, 2.889



24, 52.580, 26.163



52, 91.537, 29.474

Previews

White Background



This preview shows how the CIELCh color 44, 6.671, 280.968 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, 6.671, 280.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

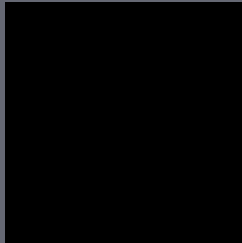
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

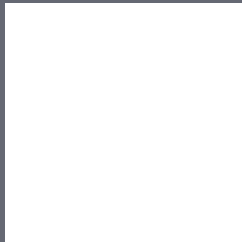
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 6.671, 280.968

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.671, 280.968.



This preview shows how white text looks on a background with the CIELCh color 44, 6.671, 280.968.

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, 6.671, 280.968

Protanopia

44, 6.599, 291.124

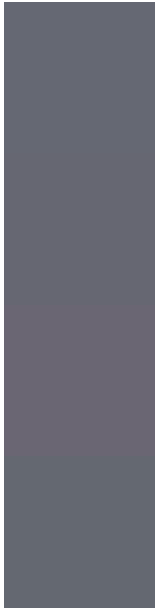
Deuteranopia

44, 9.030, 312.008



Tritanopia
44, 5.020, 272.488

Trichromacy



Original Color

44, 6.671, 280.968

Protanomaly

44, 6.605, 287.704

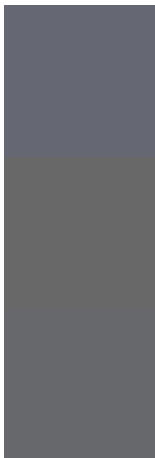
Deuteranomaly

44, 7.988, 302.721

Tritanomaly

44, 5.589, 274.567

Monochromacy



Original Color

44, 6.671, 280.968

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 2.427, 280.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.671, 280.968 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(101, 104, 115)` looks like.

```
.text, #text, p{  
    color:rgb(101, 104, 115)  
}
```

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(101, 104, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 104, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.671, 280.968 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(101, 104, 115) }
```

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

```
.border{ border-color:rgb(101, 104, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 104, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 104, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 104, 115);  
box-shadow:4px 4px 4px 4px rgb(101, 104,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.671, 280.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 104, 115) }
```

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

```
.background{ background-color: rgb(101,  
104, 115) }
```

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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