

Converting Colors

CIELCh(44, 6.715, 333.999)

Have a look what the booklet for
CIELCh(44, 6.715, 333.999) contains.

CIELCh(44, 6.607, 333.792)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 6.607, 333.792)

Conversions

Conversions Part 1

Format	Color
Hex	70656D
RGB	112, 101, 109
RGB Percent	44%, 40%, 43%
CMY	0.5610, 0.6042, 0.5728
CMYK	0.00, 0.10, 0.03, 0.56
HSL	316°, 5%, 42%
HSV	316°, 10%, 44%
XYZ	14.0781, 13.8382, 16.3787
YIQ	105.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

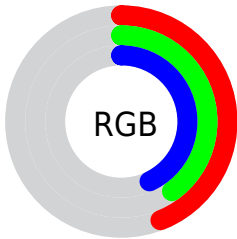
Format	Color
R_{YB}	112, 101, 109
Decimal	7365997
CIE Lab	44.00, 5.93, -2.92
CIE LCh	44, 6.607, 333.792
Yxy	13.8382, 0.3178, 0.3124
Android (android.graphics.Color)	4285556077 (0xFF70656D)
YUV	105.2010, 1.8729, 5.9627
Hunter-Lab	37.1997, 2.4531, -0.0651

Details

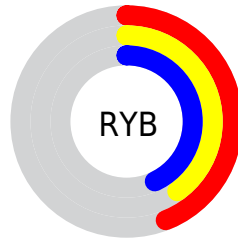
The CIELCh color $44, 6.607, 333.792$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 6.576, 152.602$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 6.431, 336.122$, and $24, 6.981, 331.364$ is the 20% darker color. If you saturate the color by 10%, you get $41, 13.405, 334.471$, and if you desaturate by 10%, it is $47, 0.112, 155.123$.

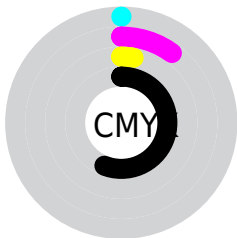
Distribution



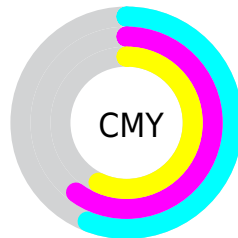
- Red (44%)
- Green (40%)
- Blue (43%)



- Red (44%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.607, 333.792 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, 6.607, 333.792 by changing the saturation by 10% instead.

■ 44, 6.607, 333.792

■ 44, 6.607, 333.792

■ 100, 6.607,
333.792

■ 34, 6.607, 333.792

■ 64, 6.607, 333.792

■ 24, 6.607, 333.792

■ 74, 6.607, 333.792

■ 14, 6.607, 333.792

■ 84, 6.607, 333.792

■ 4, 6.607, 333.792

■ 94, 6.607, 333.792

■ 0, 6.607, 333.792

■ 44, 6.607, 333.792

■ 44, 6.607, 333.792

■ 41, 13.405,
334.471

■ 47, 0.112, 155.123

■ 38, 20.196,

■ 51, 6.694, 152.638

335.172

54, 13.107,
152.059

35, 26.848,
335.912

57, 19.338,
151.520

32, 33.172,
336.700

61, 25.383,
151.013

30, 38.927,
337.550

64, 31.246,
150.535

28, 43.830,
338.483

68, 36.933,
150.084

26, 47.594,
339.535

71, 42.454,
149.659

25, 50.001,
340.752

74, 47.819,
149.258

24, 51.598,
342.071

Harmonies

Complementary

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



44, 6.607, 333.792



46, 6.576, 152.602

Rectangle

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



44, 6.607, 333.792



44, 6.607, 23.792



44, 6.607, 153.792



44, 6.607, 203.792

Sweetspot

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



44, 6.606, 333.794



59, 2.489, 333.296



43, 6.737, 301.125



31, 1.902, 333.359



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, 6.606, 333.794



55, 10.013, 333.962



44, 4.850, 1.560



22, 3.787, 333.738



26, 54.135, 342.226



55, 91.522, 343.274

Inverse Universe

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



44, 6.606, 333.794



55, 10.013, 333.962



46, 4.691, 179.968



22, 3.787, 333.738



26, 54.135, 342.226



55, 91.522, 343.274

Previews

White Background



This preview shows how the CIELCh color 44, 6.607, 333.792 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, 6.607, 333.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

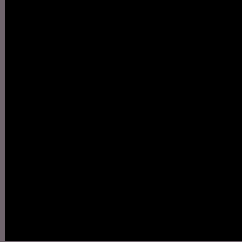
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 6.607, 333.792

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.607, 333.792.



This preview shows how white text looks on a background with the CIELCh color 44, 6.607, 333.792.

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, 6.607, 333.792

Protanopia

44, 4.227, 296.247

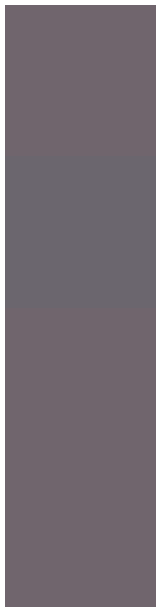
Deuteranopia

44, 6.607, 333.792



Tritanopia
44, 6.607, 333.792

Trichromacy



Original Color

44, 6.607, 333.792

Protanomaly

44, 5.236, 313.576

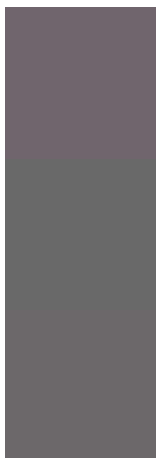
Deuteranomaly

44, 6.607, 333.792

Tritanomaly

44, 6.607, 333.792

Monochromacy



Original Color

44, 6.607, 333.792

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 2.048, 343.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.607, 333.792 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(112, 101, 109)` looks like.

```
.text, #text, p{  
    color:rgb(112, 101, 109)  
}
```

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(112, 101, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 101, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.607, 333.792 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(112, 101, 109) }
```

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

```
.border{ border-color:rgb(112, 101, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 101, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 101, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 101, 109);  
box-shadow:4px 4px 4px 4px rgb(112, 101,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.607, 333.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 101, 109) }
```

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

```
.background{ background-color: rgb(112,  
101, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor