

Converting Colors

CIELCh(44, 6.523, 66.125)

Have a look what the booklet for
CIELCh(44, 6.523, 66.125) contains.

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Color

CIELCh(44, 6.744, 64.672)

Conversions

Conversions Part 1

Format	Color
Hex	71665E
RGB	113, 102, 94
RGB Percent	44%, 40%, 37%
CMY	0.5566, 0.5998, 0.6311
CMYK	0.00, 0.10, 0.17, 0.56
HSL	25°, 9%, 41%
HSV	25°, 17%, 44%
XYZ	13.5979, 13.8382, 12.5578
YIQ	104.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

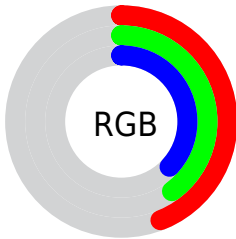
Format	Color
R _Y B	113, 108, 94
Decimal	7431774
CIE Lab	44.00, 2.89, 6.10
CIE LCh	44, 6.744, 64.672
Yxy	13.8382, 0.3400, 0.3460
Android (android.graphics.Color)	4285621854 (0xFF71665E)
YUV	104.3770, -5.1159, 7.5624
Hunter-Lab	37.1997, 0.1490, 6.0249

Details

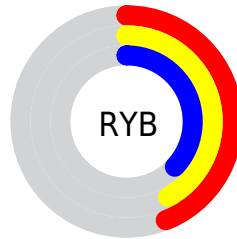
The CIELCh color $44, 6.744, 64.672$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 6.341, 248.459$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 6.907, 65.896$, and $24, 6.762, 62.893$ is the 20% darker color. If you saturate the color by 10%, you get $42, 11.071, 63.694$, and if you desaturate by 10%, it is $46, 2.654, 65.638$.

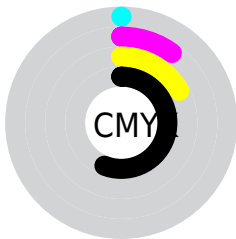
Distribution



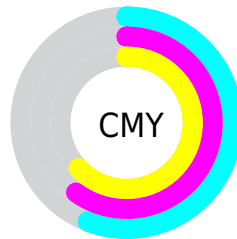
- Red (44%)
- Green (40%)
- Blue (37%)



- Red (44%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.744, 64.672 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, 6.744, 64.672 by changing the saturation by 10% instead.

■ 44, 6.744, 64.672 ■ 44, 6.744, 64.672

■ 100, 6.744, 64.672 ■ 34, 6.744, 64.672

■ 64, 6.744, 64.672 ■ 24, 6.744, 64.672

■ 74, 6.744, 64.672 ■ 14, 6.744, 64.672

■ 84, 6.744, 64.672 ■ 4, 6.744, 64.672

■ 94, 6.744, 64.672 ■ 0, 6.744, 64.672

■ 44, 6.744, 64.672 ■ 44, 6.744, 64.672

■ 42, 11.071, 63.694 ■ 46, 2.654, 65.638

■ 40, 15.652, 62.713 ■ 48, 1.219, 246.993

■ 38, 20.493, 61.754 ■ 51, 4.898, 247.826

36, 25.582, 60.818

53, 8.404, 248.791

34, 30.864, 59.887

55, 11.756,
249.749

32, 36.208, 58.900

57, 14.974,
250.683

30, 41.333, 57.719

29, 46.016, 56.347

60, 18.071,
251.589

28, 47.511, 56.004

62, 21.063,
252.463

64, 23.962,
253.305

Harmonies

Complementary

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



44, 6.744, 64.672



44, 6.341, 248.459

Rectangle

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



44, 6.744, 64.672



44, 6.744, 114.672



44, 6.744, 244.672



44, 6.744, 294.672

Sweetspot

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



44, 6.744, 64.686



60, 2.418, 65.773



42, 10.348, 340.655



31, 1.642, 65.732



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, 6.744, 64.686



56, 10.109, 64.317



47, 10.274, 104.946



22, 2.193, 65.442



30, 49.863, 55.936



61, 86.960, 53.852

Inverse Universe

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



44, 6.341, 248.459



56, 9.361, 248.977



41, 10.585, 288.441



22, 2.128, 247.502



29, 34.101, 273.123



58, 61.054, 276.144

Previews

White Background



This preview shows how the CIELCh color 44, 6.744, 64.672 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, 6.744, 64.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

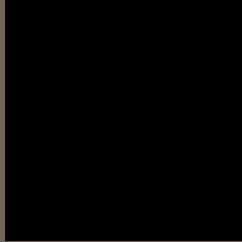
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 6.744, 64.672

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.744, 64.672.



This preview shows how white text looks on a background with the CIELCh color 44, 6.744, 64.672.

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, 6.744, 64.672

Protanopia

44, 5.625, 91.702

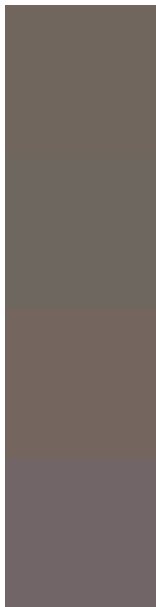
Deuteranopia

44, 8.633, 44.627



Tritanopia
44, 7.847, 342.881

Trichromacy



Original Color
44, 6.744, 64.672

Protanomaly
44, 5.634, 77.289

Deuteranomaly
44, 7.752, 52.498

Tritanomaly
44, 5.587, 7.760

Monochromacy



Original Color
44, 6.744, 64.672

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 2.443, 66.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.744, 64.672 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(113, 102, 94)` looks like.

```
.text, #text, p{  
    color:rgb(113, 102, 94)  
}
```

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(113, 102, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 102, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.744, 64.672 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(113, 102, 94) }
```

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

```
.border{ border-color:rgb(113, 102, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 102, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 102, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 102, 94);  
box-shadow:4px 4px 4px 4px rgb(113, 102,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.744, 64.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 102, 94) }
```

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

```
.background{ background-color: rgb(113,  
102, 94) }
```

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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