

Converting Colors

CIELCh(44, 6.534, 83.584)

Have a look what the booklet for
CIELCh(44, 6.534, 83.584) contains.

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Color

CIELCh(44, 6.686, 82.441)

Conversions

Conversions Part 1

Format	Color
Hex	6E675D
RGB	110, 103, 93
RGB Percent	43%, 40%, 36%
CMY	0.5682, 0.5956, 0.6348
CMYK	0.00, 0.06, 0.15, 0.57
HSL	35°, 8%, 40%
HSV	35°, 15%, 43%
XYZ	13.2874, 13.8382, 12.3529
YIQ	103.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

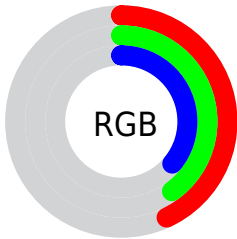
Format	Color
R_{YB}	105, 110, 93
Decimal	7235421
CIE Lab	44.00, 0.88, 6.63
CIE LCh	44, 6.686, 82.441
Yxy	13.8382, 0.3366, 0.3505
Android (android.graphics.Color)	4285425501 (0xFF6E675D)
YUV	103.9530, -5.3998, 5.3032
Hunter-Lab	37.1997, -1.3408, 6.3513

Details

The CIELCh color **44, 6.686, 82.441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 6.573, 266.407**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 6.877, 81.961**, and **24, 6.637, 82.692** is the 20% darker color. If you saturate the color by 10%, you get **42, 11.189, 81.215**, and if you desaturate by 10%, it is **46, 2.318, 83.615**.

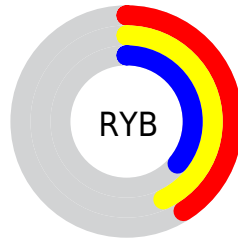
Distribution



Red (43%)

Green (40%)

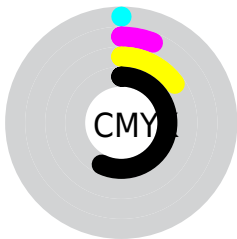
Blue (36%)



Red (41%)

Yellow (43%)

Blue (36%)

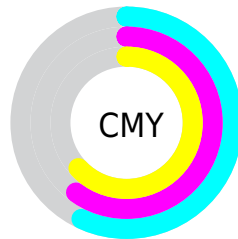


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (57%)



Cyan (57%)


Magenta (60%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.686, 82.441 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, 6.686, 82.441 by changing the saturation by 10% instead.

 44, 6.686, 82.441  44, 6.686, 82.441

 100, 6.686, 82.441  34, 6.686, 82.441

 64, 6.686, 82.441  24, 6.686, 82.441

 74, 6.686, 82.441  14, 6.686, 82.441

 84, 6.686, 82.441  4, 6.686, 82.441

 94, 6.686, 82.441  0, 6.686, 82.441

 44, 6.686, 82.441  44, 6.686, 82.441

 42, 11.189, 81.215  46, 2.318, 83.615

 41, 15.824, 79.939  47, 1.923, 264.976

 39, 20.578, 78.630  49, 6.046, 266.044

38, 25.412, 77.284

51, 10.059,
267.123

36, 30.244, 75.881

52, 13.973,
268.164

35, 34.912, 74.376

34, 39.129, 72.674

54, 17.799,
269.160

33, 42.693, 70.739

56, 21.543,
270.111

32, 44.552, 70.052

57, 25.215,
271.015

59, 28.821,
271.875

Harmonies

Complementary

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



44, 6.686, 82.441



42, 6.573, 266.407

Rectangle

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



44, 6.686, 82.441



44, 6.686, 132.441



44, 6.686, 262.441



44, 6.686, 312.441

Sweetspot

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



44, 6.687, 82.454



58, 2.634, 83.647



41, 8.341, 349.717



30, 1.786, 83.592



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 6.687, 82.454



56, 10.247, 81.956



46, 10.059, 112.234



23, 2.448, 83.217



35, 47.355, 69.718



70, 81.199, 67.637

Inverse Universe

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



42, 6.573, 266.407



53, 10.017, 267.019



40, 10.397, 294.806



22, 2.428, 265.524



22, 47.043, 289.944



47, 85.251, 292.350

Previews

White Background



This preview shows how the CIELCh color 44, 6.686, 82.441 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, 6.686, 82.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

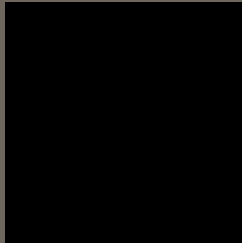
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

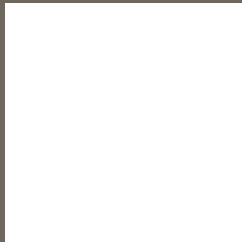
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 6.686, 82.441

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.686, 82.441.



This preview shows how white text looks on a background with the CIELCh color 44, 6.686, 82.441.

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, 6.686, 82.441

Protanopia

44, 6.774, 94.507

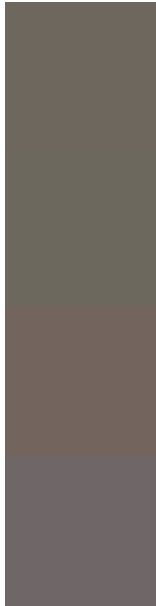
Deuteranopia

44, 8.633, 44.627



Tritanopia
44, 6.607, 333.792

Trichromacy



Original Color

44, 6.686, 82.441

Protanomaly

44, 6.896, 91.021

Deuteranomaly

44, 7.382, 54.315

Tritanomaly

44, 3.811, 10.802

Monochromacy



Original Color

44, 6.686, 82.441

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 2.520, 90.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.686, 82.441 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(110, 103, 93)` looks like.

```
.text, #text, p{  
    color:rgb(110, 103, 93)  
}
```

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(110, 103, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 103, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.686, 82.441 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(110, 103, 93) }
```

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

```
.border{ border-color:rgb(110, 103, 93) }
```

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

Here you see how a box with a 4 pixel rgb(110, 103, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 103, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 103, 93);  
box-shadow:4px 4px 4px 4px rgb(110, 103,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.686, 82.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 103, 93) }
```

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

```
.background{ background-color: rgb(110,  
103, 93) }
```

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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