

Converting Colors

CIELCh(44, 7.400, 99.988)

Have a look what the booklet for
CIELCh(44, 7.400, 99.988) contains.

CIELCh(44, 7.266, 98.886)	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, 7.266, 98.886)

Conversions

Conversions Part 1

Format	Color
Hex	6B685C
RGB	107, 104, 92
RGB Percent	42%, 41%, 36%
CMY	0.5798, 0.5916, 0.6387
CMYK	0.00, 0.03, 0.14, 0.58
HSL	48°, 8%, 39%
HSV	48°, 14%, 42%
XYZ	12.9823, 13.8382, 12.1433
YIQ	103.5290, 5.6400, -3.0960

Conversions

Conversions Part 2

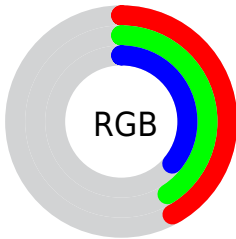
Format	Color
RYB	96, 107, 92
Decimal	7039068
CIELab	44.00, -1.12, 7.18
CIElCh	44, 7.266, 98.886
Yxy	13.8382, 0.3332, 0.3552
Android (android.graphics.Color)	4285229148 (0xFF6B685C)
YUV	103.5290, -5.6838, 3.0441
Hunter-Lab	37.1997, -2.8050, 6.6855

Details

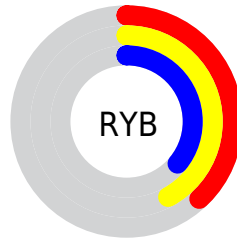
The CIELCh color **44, 7.266, 98.886** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 7.375, 282.048**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 7.308, 100.016**, and **24, 7.395, 97.175** is the 20% darker color. If you saturate the color by 10%, you get **43, 12.497, 97.791**, and if you desaturate by 10%, it is **45, 2.065, 99.940**.

Distribution



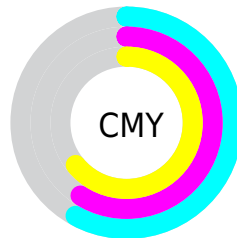
- Red (42%)
- Green (41%)
- Blue (36%)



- Red (38%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (58%)



- Cyan (58%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 7.266, 98.886 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, 7.266, 98.886 by changing the saturation by 10% instead.

■ 44, 7.266, 98.886 ■ 44, 7.266, 98.886

■ 100, 7.266, 98.886 ■ 34, 7.266, 98.886

■ 64, 7.266, 98.886 ■ 24, 7.266, 98.886

■ 74, 7.266, 98.886 ■ 14, 7.266, 98.886

■ 84, 7.266, 98.886 ■ 4, 7.266, 98.886

■ 94, 7.266, 98.886 ■ 0, 7.266, 98.886

■ 44, 7.266, 98.886 ■ 44, 7.266, 98.886

■ 43, 12.497, 97.791 ■ 45, 2.065, 99.940

■ 42, 17.732, 96.657 ■ 46, 3.094, 281.065

■ 41, 22.928, 95.503 ■ 47, 8.205, 282.050

41, 28.012, 94.334

48, 13.265,
283.008

40, 32.859, 93.153

49, 18.272,
283.926

39, 37.273, 91.957

38, 40.963, 90.730

50, 23.228,
284.801

38, 43.680, 89.450

51, 28.133,
285.632

37, 45.348, 88.724

52, 32.988,
286.420

53, 37.796,
287.166

Harmonies

Complementary

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



44, 7.266, 98.886



41, 7.375, 282.048

Rectangle

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



44, 7.266, 98.886



44, 7.266, 148.886



44, 7.266, 278.886



44, 7.266, 328.886

Sweetspot

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



44, 7.267, 98.895



58, 2.574, 99.930



41, 6.652, 4.476



30, 1.845, 99.871



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, 7.267, 98.895



56, 11.018, 98.516



44, 9.131, 121.050



22, 2.908, 99.436



41, 48.321, 88.558



81, 82.726, 87.578

Inverse Universe

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



41, 7.375, 282.048



51, 11.220, 282.503



40, 9.366, 302.603



20, 2.940, 281.433



15, 63.634, 301.348



36, 115.183, 302.889

Previews

White Background



This preview shows how the CIELCh color 44, 7.266, 98.886 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, 7.266, 98.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

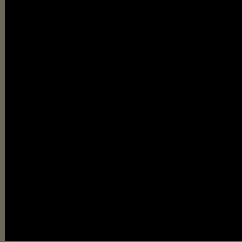
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 7.266, 98.886

Background



This preview shows how black text looks on a background with the CIELCh color 44, 7.266, 98.886.



This preview shows how white text looks on a background with the CIELCh color 44, 7.266, 98.886.

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, 7.266, 98.886

Protanopia

44, 7.467, 92.313

Deuteranopia

44, 8.927, 47.982



Tritanopia
44, 5.825, 324.789

Trichromacy



Original Color

44, 7.266, 98.886

Protanomaly

44, 7.354, 95.558

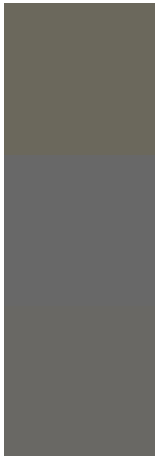
Deuteranomaly

44, 7.495, 65.368

Tritanomaly

44, 2.567, 6.157

Monochromacy



Original Color

44, 7.266, 98.886

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 2.418, 99.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 7.266, 98.886 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(107, 104, 92)` looks like.

```
.text, #text, p{  
    color:rgb(107, 104, 92)  
}
```

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(107, 104, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 104, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 7.266, 98.886 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(107, 104, 92) }
```

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

```
.border{ border-color:rgb(107, 104, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 104, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 104, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 104, 92);  
box-shadow:4px 4px 4px 4px rgb(107, 104,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 7.266, 98.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 104, 92) }
```

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

```
.background{ background-color: rgb(107,  
104, 92) }
```

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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