

Converting Colors

CIELCh(43, 46.960, 7.464)

Have a look what the booklet for
CIELCh(43, 46.960, 7.464) contains.

CIELCh(43, 46.744, 7.692)	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(43, 46.744, 7.692)

Conversions

Conversions Part 1

Format	Color
Hex	AB405D
RGB	171, 64, 93
RGB Percent	67%, 25%, 36%
CMY	0.3287, 0.7483, 0.6347
CMYK	0.00, 0.63, 0.46, 0.33
HSL	344°, 45%, 46%
HSV	344°, 63%, 67%
XYZ	20.6605, 13.1578, 11.8423
YIQ	99.2990, 54.4630, 31.7030

Conversions

Conversions Part 2

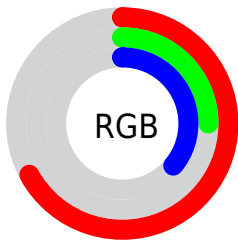
Format	Color
RYB	171, 64, 93
Decimal	11223133
CIELab	43.00, 46.32, 6.26
CIElCh	43, 46.744, 7.692
Yxy	13.1578, 0.4525, 0.2882
Android (android.graphics.Color)	4289413213 (0xFFAB405D)
YUV	99.2990, -3.1054, 62.8818
Hunter-Lab	36.2736, 38.1902, 6.0350

Details

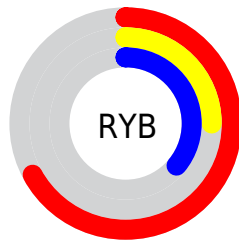
The CIELCh color **43, 46.744, 7.692** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **64, 38.124, 171.059**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 46.773, 7.785**, and **23, 46.626, 8.078** is the 20% darker color. If you saturate the color by 10%, you get **40, 53.192, 10.796**, and if you desaturate by 10%, it is **46, 39.533, 5.236**.

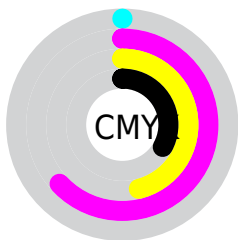
Distribution



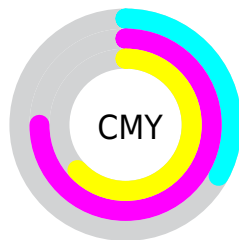
- Red (67%)
- Green (25%)
- Blue (36%)



- Red (67%)
- Yellow (25%)
- Blue (36%)



- Cyan (0%)
- Magenta (63%)
- Yellow (46%)
- Black (33%)



- Cyan (33%)
- Magenta (75%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 46.744, 7.692 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 43, 46.744, 7.692 by changing the saturation by 10% instead.

 43, 46.744, 7.692  43, 46.744, 7.692

 100, 46.744, 7.692  33, 46.744, 7.692

 63, 46.744, 7.692  23, 46.744, 7.692

 73, 46.744, 7.692  13, 46.744, 7.692

 83, 46.744, 7.692  3, 46.744, 7.692

 93, 46.744, 7.692  0, 46.744, 7.692

 43, 46.744, 7.692  43, 46.744, 7.692

 40, 53.192, 10.796  46, 39.533, 5.236

 38, 58.619, 14.699  50, 31.896, 3.267

 36, 62.960, 19.483  55, 24.122, 1.660

■ 36, 65.886, 23.346

■ 59, 16.426, 0.320

■ 64, 8.947, 359.168

■ 69, 1.759, 357.996

■ 74, 5.106, 177.475

■ 79, 11.643,
176.672

■ 84, 17.863,
175.981

Harmonies

Complementary

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



43, 46.744, 7.692



64, 38.124, 171.059

Rectangle

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



43, 46.744, 7.692



43, 46.744, 57.692



43, 46.744, 187.692



43, 46.744, 237.692

Sweetspot

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



43, 46.741, 7.694



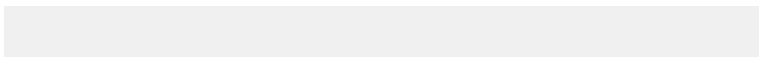
77, 17.015, 359.937



42, 66.196, 318.652



40, 11.868, 0.271



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 46.741, 7.694



51, 67.211, 12.181



47, 43.301, 41.921



34, 4.063, 358.825



31, 59.679, 22.688



2, 8.226, 1.669

Inverse Universe

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



43, 46.741, 7.694



51, 67.211, 12.181



57, 26.768, 227.446



34, 4.063, 358.825



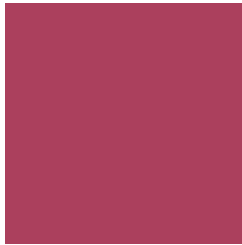
31, 59.679, 22.688



2, 8.226, 1.669

Previews

White Background



This preview shows how the CIELCh color 43, 46.744, 7.692 looks on a white background.

Color Contrast Check

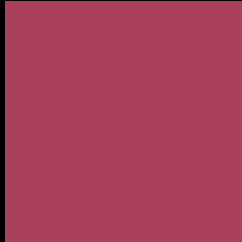
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 46.744, 7.692 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 43, 46.744, 7.692

Background



This preview shows how black text looks on a background with the CIELCh color 43, 46.744, 7.692.

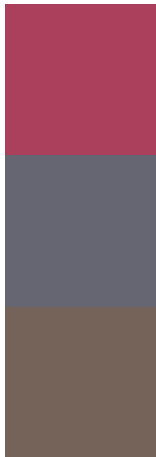


This preview shows how white text looks on a background with the CIELCh color 43, 46.744, 7.692.

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

43, 46.744, 7.692

Protanopia

43, 7.215, 288.095

Deuteranopia

43, 10.389, 55.193



Tritanopia
43, 46.243, 23.824

Trichromacy



Original Color
43, 46.744, 7.692

Protanomaly
42, 19.427, 348.631

Deuteranomaly
42, 22.671, 16.786

Tritanomaly
43, 45.671, 18.288

Monochromacy



Original Color
43, 46.744, 7.692

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 17.913, 0.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 46.744, 7.692 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(171, 64, 93)` looks like.

```
.text, #text, p{  
    color:rgb(171, 64, 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(171, 64, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 64, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 46.744, 7.692 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(171, 64, 93) }
```

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

```
.border{ border-color:rgb(171, 64, 93) }
```

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

Here you see how a box with a 4 pixel rgb(171, 64, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 64, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 64, 93);  
box-shadow:4px 4px 4px 4px rgb(171, 64,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 46.744, 7.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 64, 93) }
```

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

```
.background{ background-color: rgb(171, 64,  
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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