

Converting Colors

CIELCh(44, 47.827, 6.873)

Have a look what the booklet for
CIELCh(44, 47.827, 6.873) contains.

CIELCh(44, 47.855, 6.964)	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, 47.855, 6.964)

Conversions

Conversions Part 1

Format	Color
Hex	AF4160
RGB	175, 65, 96
RGB Percent	69%, 25%, 38%
CMY	0.3121, 0.7436, 0.6222
CMYK	0.00, 0.63, 0.45, 0.31
HSL	343°, 46%, 47%
HSV	343°, 63%, 69%
XYZ	21.8130, 13.8382, 12.6717
YIQ	101.4240, 55.6090, 32.9610

Conversions

Conversions Part 2

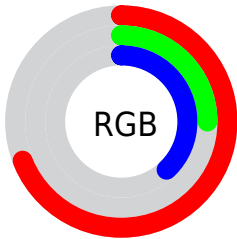
Format	Color
RYB	175, 65, 96
Decimal	11485536
CIELab	44.00, 47.50, 5.80
CIElCh	44, 47.855, 6.964
Yxy	13.8382, 0.4514, 0.2864
Android (android.graphics.Color)	4289675616 (0xFFAF4160)
YUV	101.4240, -2.6740, 64.5262
Hunter-Lab	37.1997, 39.5683, 5.8433

Details

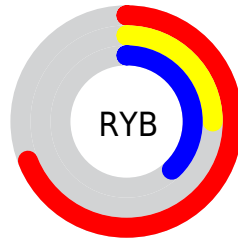
The CIELCh color **44, 47.855, 6.964** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **65, 39.351, 170.209**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 47.925, 7.038**, and **24, 47.772, 7.212** is the 20% darker color. If you saturate the color by 10%, you get **41, 54.335, 10.065**, and if you desaturate by 10%, it is **48, 40.557, 4.511**.

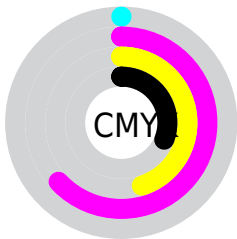
Distribution



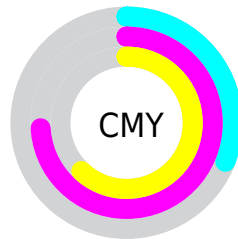
- Red (69%)
- Green (25%)
- Blue (38%)



- Red (69%)
- Yellow (25%)
- Blue (38%)



- Cyan (0%)
- Magenta (63%)
- Yellow (45%)
- Black (31%)



- Cyan (31%)
- Magenta (74%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 47.855, 6.964 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, 47.855, 6.964 by changing the saturation by 10% instead.

 44, 47.855, 6.964  44, 47.855, 6.964

 100, 47.855, 6.964  34, 47.855, 6.964

 64, 47.855, 6.964  24, 47.855, 6.964


 74, 47.855, 6.964  14, 47.855, 6.964

 84, 47.855, 6.964  4, 47.855, 6.964

 94, 47.855, 6.964  0, 47.855, 6.964

 44, 47.855, 6.964  44, 47.855, 6.964

 41, 54.335, 10.065  48, 40.557, 4.511

 39, 59.734, 13.968  52, 32.792, 2.544

 37, 63.993, 18.763  56, 24.861, 0.937

■ 37, 66.763, 22.538

■ 61, 16.992,
359.596

■ 65, 9.330, 358.443

■ 70, 1.957, 357.288

■ 75, 5.093, 176.741

■ 80, 11.811,
175.931

■ 85, 18.209,
175.235

Harmonies

Complementary

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



44, 47.855, 6.964



65, 39.351, 170.209

Rectangle

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



44, 47.855, 6.964



44, 47.855, 56.964



44, 47.855, 186.964



44, 47.855, 236.964

Sweetspot

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



44, 47.852, 6.966



79, 17.408, 359.186



43, 67.711, 318.658



40, 12.141, 359.523



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



44, 47.852, 6.966



52, 68.359, 11.355



48, 44.373, 41.942



34, 4.083, 358.074



31, 59.363, 21.764



2, 8.258, 1.025

Inverse Universe

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



44, 47.852, 6.966



52, 68.359, 11.355



59, 27.346, 227.512



34, 4.083, 358.074



31, 59.363, 21.764



2, 8.258, 1.025

Previews

White Background



This preview shows how the CIELCh color 44, 47.855, 6.964 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, 47.855, 6.964 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, 47.855, 6.964

Background



This preview shows how black text looks on a background with the CIELCh color 44, 47.855, 6.964.



This preview shows how white text looks on a background with the CIELCh color 44, 47.855, 6.964.

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, 47.855, 6.964

Protanopia

44, 8.385, 288.707

Deuteranopia

44, 10.322, 55.232



Tritanopia
44, 47.121, 24.545

Trichromacy



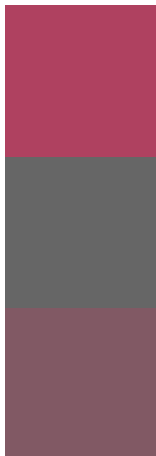
Original Color
44, 47.855, 6.964

Protanomaly
43, 19.966, 345.615

Deuteranomaly
43, 22.999, 15.431

Tritanomaly
44, 47.160, 18.133

Monochromacy



Original Color
44, 47.855, 6.964

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 18.222, 1.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 47.855, 6.964 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(175, 65, 96)` looks like.

```
.text, #text, p{  
    color:rgb(175, 65, 96)  
}
```

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(175, 65, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 65, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 47.855, 6.964 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(175, 65, 96) }
```

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

```
.border{ border-color:rgb(175, 65, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 65, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 65, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 65, 96);  
box-shadow:4px 4px 4px 4px rgb(175, 65,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 47.855, 6.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 65, 96) }
```

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

```
.background{ background-color: rgb(175, 65,  
96) }
```

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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