

Converting Colors

CIELCh(44, 48.026, 22.401)

Have a look what the booklet for
CIELCh(44, 48.026, 22.401) contains.

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Color

CIELCh(44, 47.906, 22.309)

Conversions

Conversions Part 1

Format	Color
Hex	AF444C
RGB	175, 68, 76
RGB Percent	69%, 27%, 30%
CMY	0.3126, 0.7323, 0.7011
CMYK	0.00, 0.61, 0.57, 0.31
HSL	356°, 44%, 48%
HSV	356°, 61%, 69%
XYZ	21.1399, 13.8382, 8.4363
YIQ	100.9050, 61.2040, 25.1720

Conversions

Conversions Part 2

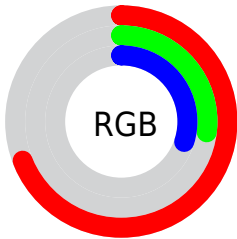
Format	Color
R_{YB}	175, 68, 76
Decimal	11486284
CIE Lab	44.00, 44.32, 18.19
CIE LCh	44, 47.906, 22.309
Yxy	13.8382, 0.4869, 0.3187
Android (android.graphics.Color)	4289676364 (0xFFAF444C)
YUV	100.9050, -12.2782, 64.9813
Hunter-Lab	37.1997, 36.3384, 12.5938

Details

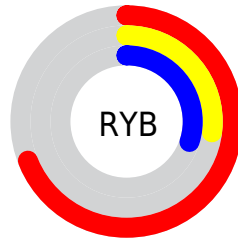
The CIELCh color **44, 47.906, 22.309** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **66, 32.653, 188.884**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 47.833, 22.361**, and **24, 47.981, 22.437** is the 20% darker color. If you saturate the color by 10%, you get **41, 56.147, 25.465**, and if you desaturate by 10%, it is **48, 39.422, 19.808**.

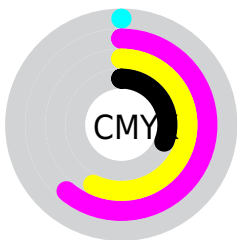
Distribution



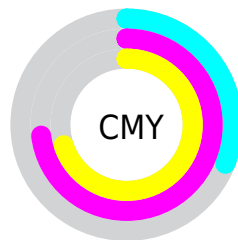
- Red (69%)
- Green (27%)
- Blue (30%)



- Red (69%)
- Yellow (27%)
- Blue (30%)



- Cyan (0%)
- Magenta (61%)
- Yellow (57%)
- Black (31%)









- Cyan (31%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 47.906, 22.309 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, 47.906, 22.309 by changing the saturation by 10% instead.

 44, 47.906, 22.309	 44, 47.906, 22.309
 100, 47.906, 22.309	 34, 47.906, 22.309
 64, 47.906, 22.309	 24, 47.906, 22.309
 74, 47.906, 22.309	 14, 47.906, 22.309
 84, 47.906, 22.309	 4, 47.906, 22.309
 94, 47.906, 22.309	 0, 47.906, 22.309

 44, 47.906, 22.309	 44, 47.906, 22.309
 41, 56.147, 25.465	 48, 39.422, 19.808
 39, 63.864, 29.287	 52, 30.973, 17.844

37, 70.724, 33.536

56, 22.771, 16.299

36, 75.818, 36.901

61, 14.955, 15.068

66, 7.592, 14.055

71, 0.703, 12.620

76, 5.728, 192.740

81, 11.730,
192.138

86, 17.344,
191.648

Harmonies

Complementary

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



44, 47.906, 22.309



66, 32.653, 188.884

Rectangle

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



44, 47.906, 22.309



44, 47.906, 72.309



44, 47.906, 202.309



44, 47.906, 252.309

Sweetspot

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



44, 47.904, 22.312



79, 15.628, 14.772



46, 67.267, 324.856



41, 11.052, 15.080



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, 47.904, 22.312



52, 71.178, 26.618



53, 40.079, 59.758



34, 3.830, 13.889



31, 67.321, 36.377



2, 7.841, 14.365

Inverse Universe

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



44, 47.904, 22.312



52, 71.178, 26.618



52, 30.287, 257.850



34, 3.830, 13.889



31, 67.321, 36.377



2, 7.841, 14.365

Previews

White Background



This preview shows how the CIELCh color 44, 47.906, 22.309 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, 47.906, 22.309 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, 47.906, 22.309

Background



This preview shows how black text looks on a background with the CIELCh color 44, 47.906, 22.309.



This preview shows how white text looks on a background with the CIELCh color 44, 47.906, 22.309.

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, 47.906, 22.309

Protanopia

44, 6.896, 91.021

Deuteranopia

44, 21.065, 73.951



Tritanopia
44, 48.056, 24.819

Trichromacy



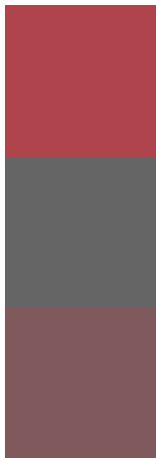
Original Color
44, 47.906, 22.309

Protanomaly
43, 19.096, 29.006

Deuteranomaly
43, 27.786, 41.007

Tritanomaly
44, 47.884, 24.147

Monochromacy



Original Color
44, 47.906, 22.309

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 17.203, 15.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 47.906, 22.309 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, 68, 76)` looks like.

```
.text, #text, p{  
    color:rgb(175, 68, 76)  
}
```

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, 68, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 68, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 47.906, 22.309 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, 68, 76) }
```

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

```
.border{ border-color:rgb(175, 68, 76) }
```

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

Here you see how a box with a 4 pixel rgb(175, 68, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 68, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 68, 76);  
box-shadow:4px 4px 4px 4px rgb(175, 68,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 47.906, 22.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 68, 76) }
```

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

```
.background{ background-color: rgb(175, 68,  
76) }
```

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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