

Converting Colors

CIELCh(48, 15.205, 20.925)

Have a look what the booklet for
CIELCh(48, 15.205, 20.925) contains.

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Color

CIELCh(48, 15.456, 21.310)

Conversions

Conversions Part 1

Format	Color
Hex	8D6969
RGB	141, 105, 105
RGB Percent	55%, 41%, 41%
CMY	0.4469, 0.5881, 0.5881
CMYK	0.00, 0.26, 0.26, 0.45
HSL	0°, 15%, 48%
HSV	0°, 26%, 55%
XYZ	18.5950, 16.7945, 15.6335
YIQ	115.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

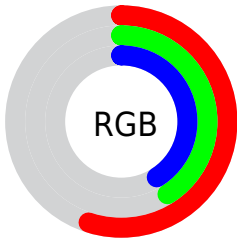
Format	Color
R_{YB}	141, 105, 105
Decimal	9267561
CIE _{Lab}	48.00, 14.40, 5.62
CIE _{LCh}	48, 15.456, 21.310
Yxy	16.7945, 0.3644, 0.3292
Android (android.graphics.Color)	4287457641 (0xFF8D6969)
YUV	115.7640, -5.3067, 22.1320
Hunter-Lab	40.9810, 9.2769, 6.0686

Details

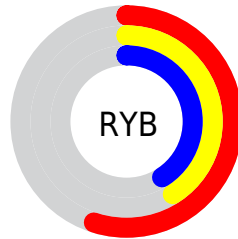
The CIELCh color **48, 15.456, 21.310** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56, 13.094, 198.173**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 15.479, 20.821**, and **28, 15.333, 22.264** is the 20% darker color. If you saturate the color by 10%, you get **44, 22.297, 22.492**, and if you desaturate by 10%, it is **52, 9.052, 20.394**.

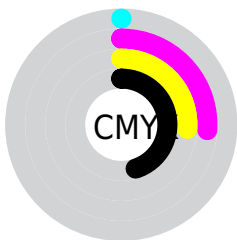
Distribution



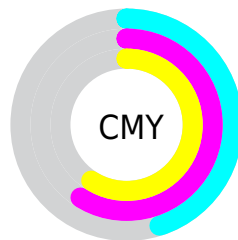
- Red (55%)
- Green (41%)
- Blue (41%)



- Red (55%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (26%)
- Yellow (26%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 15.456, 21.310 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 48, 15.456, 21.310 by changing the saturation by 10% instead.

■ 48, 15.456, 21.310

■ 48, 15.456, 21.310

■ 100, 15.456,
21.310

■ 38, 15.456, 21.310

■ 68, 15.456, 21.310

■ 28, 15.456, 21.310

■ 78, 15.456, 21.310

■ 18, 15.456, 21.310

■ 88, 15.456, 21.310

■ 8, 15.456, 21.310

■ 98, 15.456, 21.310

■ 0, 15.456, 21.310

■ 48, 15.456, 21.310

■ 48, 15.456, 21.310

■ 44, 22.297, 22.492

■ 52, 9.052, 20.394

■ 40, 29.522, 24.015

■ 56, 3.102, 19.601

37, 37.014, 25.984

61, 2.414, 199.364

34, 44.587, 28.493

65, 7.527, 198.806

32, 51.987, 31.570

69, 12.276,
198.434

30, 58.831, 35.028

74, 16.702,
198.140

29, 64.280, 38.049

29, 66.412, 39.086

78, 20.843,
197.903

82, 24.734,
197.708

87, 28.406,
197.547

Harmonies

Complementary

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



48, 15.456, 21.310



56, 13.094, 198.173

Rectangle

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



48, 15.456, 21.310



48, 15.456, 71.310



48, 15.456, 201.310



48, 15.456, 251.310

Sweetspot

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



48, 15.455, 21.316



70, 5.624, 19.816



49, 25.207, 325.784



36, 4.003, 19.922



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



48, 15.455, 21.316



59, 23.803, 22.002



53, 13.004, 72.347



28, 3.246, 19.895



27, 64.130, 38.800



0, 2.121, 19.412

Inverse Universe

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



56, 13.094, 198.173



71, 19.285, 197.903



51, 12.163, 259.130



30, 3.069, 199.013



51, 31.264, 196.398



2, 2.121, 199.429

Previews

White Background



This preview shows how the CIELCh color 48, 15.456, 21.310 looks on a white background.

Color Contrast Check

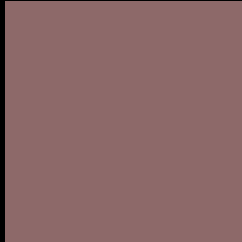
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 15.456, 21.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

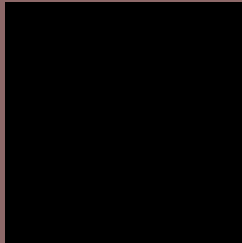
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 15.456, 21.310

Background



This preview shows how black text looks on a background with the CIELCh color 48, 15.456, 21.310.



This preview shows how white text looks on a background with the CIELCh color 48, 15.456, 21.310.

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


48, 15.456, 21.310

Protanopia

48, 2.642, 81.944

Deuteranopia

48, 8.861, 43.531



Tritanopia
48, 16.569, 5.237

Trichromacy



Original Color
48, 15.456, 21.310

Protanomaly
48, 6.542, 35.613

Deuteranomaly
48, 10.987, 32.868

Tritanomaly
48, 16.329, 11.250

Monochromacy



Original Color
48, 15.456, 21.310

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 5.384, 19.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 15.456, 21.310 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(141, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(141, 105, 105)  
}
```

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(141, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 105, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 15.456, 21.310 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(141, 105, 105) }
```

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

```
.border{ border-color:rgb(141, 105, 105) }
```

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

Here you see how a box with a 4 pixel rgb(141, 105, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(141, 105,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 15.456, 21.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 105, 105) }
```

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

```
.background{ background-color: rgb(141,  
105, 105) }
```

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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