

Converting Colors

CIELCh(48, 24.766, 359.152)

Have a look what the booklet for
CIELCh(48, 24.766, 359.152)
contains.

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Color

CIELCh(48, 24.743, 359.380)

Conversions

Conversions Part 1

Format	Color
Hex	996273
RGB	153, 98, 115
RGB Percent	60%, 38%, 45%
CMY	0.3993, 0.6151, 0.5484
CMYK	0.00, 0.36, 0.25, 0.40
HSL	341°, 22%, 49%
HSV	341°, 36%, 60%
XYZ	20.6543, 16.7945, 18.4197
YIQ	116.3830, 27.3230, 16.9470

Conversions

Conversions Part 2

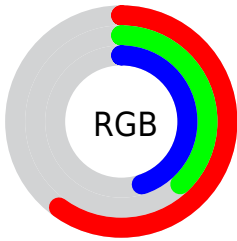
Format	Color
R _Y B	153, 98, 115
Decimal	10052211
CIE Lab	48.00, 24.74, -0.27
CIE LCh	48, 24.743, 359.380
Yxy	16.7945, 0.3697, 0.3006
Android (android.graphics.Color)	4288242291 (0xFF996273)
YUV	116.3830, -0.6818, 32.1131
Hunter-Lab	40.9810, 18.2467, 2.0377

Details

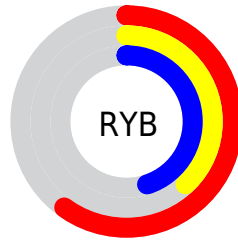
The CIELCh color $48, 24.743, 359.380$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 22.361, 171.796$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 24.832, 358.687$, and $28, 24.654, 359.146$ is the 20% darker color. If you saturate the color by 10%, you get $44, 31.823, 1.020$, and if you desaturate by 10%, it is $52, 17.631, 358.014$.

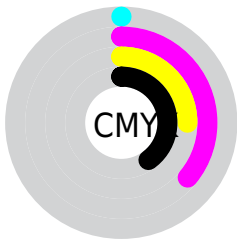
Distribution



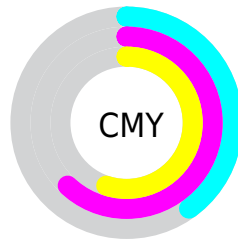
- Red (60%)
- Green (38%)
- Blue (45%)



- Red (60%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 24.743, 359.380 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, 24.743, 359.380 by changing the saturation by 10% instead.

 48, 24.743,
359.380


 48, 24.743,
359.380


 100, 24.743,
359.380

 38, 24.743,
359.380

 68, 24.743,
359.380

 28, 24.743,
359.380

 78, 24.743,
359.380

 18, 24.743,
359.380

 88, 24.743,
359.380

 8, 24.743, 359.380

 98, 24.743,
359.380

 0, 24.743, 359.380

 48, 24.743,

 48, 24.743,

359.380

359.380

■ 44, 31.823, 1.020

■ 52, 17.631,
358.014

■ 41, 38.650, 3.022

■ 56, 10.647,
356.842

■ 38, 44.930, 5.518

■ 35, 50.356, 8.663

■ 61, 3.882, 355.776

■ 33, 54.711, 12.615

■ 65, 2.617, 175.144

■ 32, 58.051, 17.415

■ 70, 8.834, 174.256

■ 32, 59.422, 19.385

■ 74, 14.771,
173.534

■ 79, 20.441,
172.889

■ 83, 25.862,
172.303

■ 88, 31.055,

Harmonies

Complementary

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



48, 24.743, 359.380



59, 22.361, 171.796

Rectangle

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



48, 24.743, 359.380



48, 24.743, 49.380



48, 24.743, 179.380



48, 24.743, 229.380

Sweetspot

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



48, 24.741, 359.382



74, 9.025, 356.338



47, 35.220, 316.708



38, 6.062, 356.467



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



48, 24.741, 359.382



58, 36.852, 0.655



50, 20.873, 37.704



30, 3.730, 356.129



29, 55.598, 18.902



1, 3.950, 355.692

Inverse Universe

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



48, 24.741, 359.382



58, 36.852, 0.655



57, 16.237, 219.025



30, 3.730, 356.129



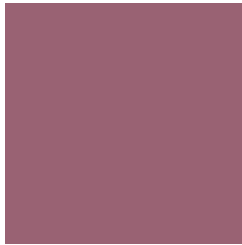
29, 55.598, 18.902



1, 3.950, 355.692

Previews

White Background



This preview shows how the CIELCh color 48, 24.743, 359.380 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, 24.743, 359.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

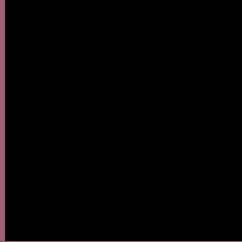
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 24.743, 359.380

Background



This preview shows how black text looks on a background with the CIELCh color 48, 24.743, 359.380.



This preview shows how white text looks on a background with the CIELCh color 48, 24.743, 359.380.

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, 24.743, 359.380

Protanopia

48, 5.900, 287.179

Deuteranopia

48, 6.312, 9.426



Tritanopia
48, 22.511, 12.077

Trichromacy



Original Color
48, 24.743, 359.380

Protanomaly
48, 11.150, 337.455

Deuteranomaly
48, 13.295, 0.509

Tritanomaly
48, 23.182, 6.638

Monochromacy



Original Color
48, 24.743, 359.380

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 8.949, 357.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 24.743, 359.380 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(153, 98, 115)` looks like.

```
.text, #text, p{  
    color:rgb(153, 98, 115)  
}
```

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(153, 98, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 98, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 24.743, 359.380 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(153, 98, 115) }
```

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

```
.border{ border-color:rgb(153, 98, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 98, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 98, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 98, 115); box-shadow:4px 4px 4px 4px rgb(153, 98, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 24.743, 359.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 98, 115) }
```

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

```
.background{ background-color: rgb(153, 98,  
115) }
```

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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