

Converting Colors

CIELCh(48, 46.119, 326.832)

Have a look what the booklet for
CIELCh(48, 46.119, 326.832)
contains.

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Color

CIELCh(48, 46.064, 326.689)

Conversions

Conversions Part 1

Format	Color
Hex	9D599D
RGB	157, 89, 157
RGB Percent	62%, 35%, 62%
CMY	0.3837, 0.6504, 0.3837
CMYK	0.00, 0.43, 0.00, 0.38
HSL	300°, 28%, 48%
HSV	300°, 43%, 62%
XYZ	23.6212, 16.7945, 33.9669
YIQ	117.0840, 18.7000, 35.5640

Conversions

Conversions Part 2

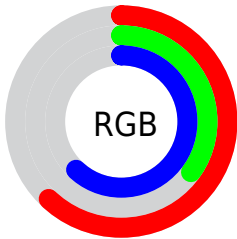
Format	Color
R_{YB}	157, 89, 157
Decimal	10312093
CIE _{Lab}	48.00, 38.50, -25.30
CIE _{LCh}	48, 46.064, 326.689
Yxy	16.7945, 0.3176, 0.2258
Android (android.graphics.Color)	4288502173 (0xFF9D599D)
YUV	117.0840, 19.6786, 35.0063
Hunter-Lab	40.9810, 31.1692, -20.4555

Details

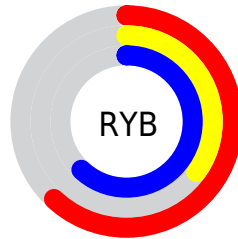
The CIELCh color $48, 46.064, 326.689$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 46.185, 141.168$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 46.102, 326.649$, and $28, 46.070, 326.942$ is the 20% darker color. If you saturate the color by 10%, you get $45, 55.602, 327.133$, and if you desaturate by 10%, it is $51, 35.788, 326.199$.

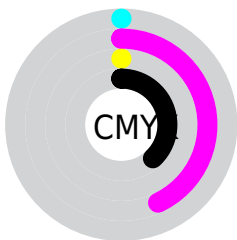
Distribution



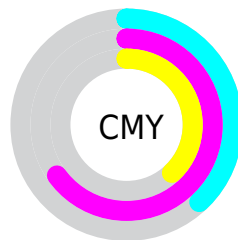
- Red (62%)
- Green (35%)
- Blue (62%)



- Red (62%)
- Yellow (35%)
- Blue (62%)



- Cyan (0%)
- Magenta (43%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 46.064, 326.689 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, 46.064, 326.689 by changing the saturation by 10% instead.

 48, 46.064,
326.689

 48, 46.064,
326.689


 100, 46.064,
326.689

 38, 46.064,
326.689

 68, 46.064,
326.689

 28, 46.064,
326.689

 78, 46.064,
326.689

 18, 46.064,
326.689

 88, 46.064,
326.689

 8, 46.064, 326.689

 98, 46.064,
326.689

 0, 46.064, 326.689

 48, 46.064,

 48, 46.064,

326.689

45, 55.602,
327.133

42, 64.020,
327.515

40, 70.921,
327.821

39, 75.987,
328.042

38, 79.086,
328.175

37, 80.494,
328.235

326.689

51, 35.788,
326.199

55, 25.111,
325.679

59, 14.288,
325.139

63, 3.505, 324.557

68, 7.114, 144.120

72, 17.491,
143.587

76, 27.581,
143.088

81, 37.364,
142.615

■ 85, 46.835,
142.168

Harmonies

Complementary

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



48, 46.064, 326.689



59, 46.185, 141.168

Rectangle

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



48, 46.064, 326.689



48, 46.064, 16.689



48, 46.064, 146.689



48, 46.064, 196.689

Sweetspot

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



48, 46.062, 326.689



75, 17.307, 325.138



41, 41.266, 295.984



39, 12.093, 325.251



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



48, 46.062, 326.689



58, 67.167, 327.122



47, 33.274, 347.941



31, 6.104, 324.917



34, 75.044, 328.235



1, 7.944, 324.440

Inverse Universe

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



48, 46.062, 326.689



58, 67.167, 327.122



60, 31.673, 159.401



31, 6.104, 324.917



34, 75.044, 328.235



1, 7.944, 324.440

Previews

White Background



This preview shows how the CIELCh color 48, 46.064, 326.689 looks on a white background.

Color Contrast Check

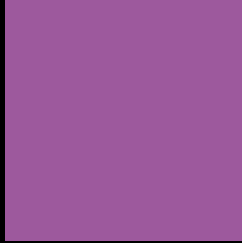
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 48, 46.064, 326.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

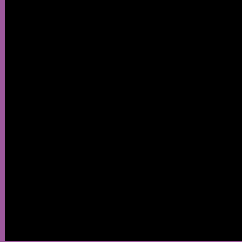
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 46.064, 326.689

Background



This preview shows how black text looks on a background with the CIELCh color 48, 46.064, 326.689.



This preview shows how white text looks on a background with the CIELCh color 48, 46.064, 326.689.

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





Tritanopia
48, 22.120, 10.307

Trichromacy



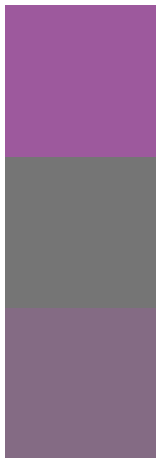
Original Color
48, 46.064, 326.689

Protanomaly
48, 38.702, 300.834

Deuteranomaly
48, 31.009, 306.430

Tritanomaly
48, 28.531, 345.675

Monochromacy



Original Color
48, 46.064, 326.689

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 17.710, 325.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 46.064, 326.689 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(157, 89, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 89, 157)  
}
```

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(157, 89, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 89, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 46.064, 326.689 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(157, 89, 157) }
```

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

```
.border{ border-color:rgb(157, 89, 157) }
```

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

Here you see how a box with a 4 pixel rgb(157, 89, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 89, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 89, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 89,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 46.064, 326.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 89, 157) }
```

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

```
.background{ background-color: rgb(157, 89,  
157) }
```

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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