

Converting Colors

CIELCh(49, 25.430, 325.833)

Have a look what the booklet for
CIELCh(49, 25.430, 325.833)
contains.

| | |
|--|----|
| CIELCh(49, 25.208, 325.784) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(49, 25.208, 325.784)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8D698D |
| RGB | 141, 105, 141 |
| RGB Percent | 55%, 41%, 55% |
| CMY | 0.4483, 0.5894, 0.4482 |
| CMYK | 0.00, 0.26, 0.00, 0.45 |
| HSL | 300°, 15%, 48% |
| HSV | 300°, 26%, 55% |
| XYZ | 20.7398, 17.5941, 27.3842 |
| YIQ | 119.8680, 9.9000, 18.8280 |

Conversions

Conversions Part 2

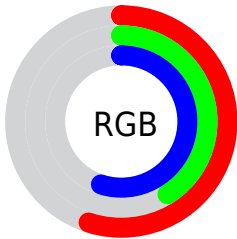
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 141, 105, 141 |
| Decimal | 9267597 |
| CIE _{Lab} | 49.00, 20.85, -14.17 |
| CIE _{LCh} | 49, 25.208, 325.784 |
| Yxy | 17.5941, 0.3156, 0.2677 |
| Android (android.graphics.Color) | 4287457677 (0xFF8D698D) |
| YUV | 119.8680, 10.4181, 18.5328 |
| Hunter-Lab | 41.9453, 14.8547, -9.3461 |

Details

The CIELCh color $49, 25.208, 325.784$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 25.197, 142.784$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 25.061, 325.492$, and $29, 25.435, 325.447$ is the 20% darker color. If you saturate the color by 10%, you get $46, 34.907, 326.295$, and if you desaturate by 10%, it is $53, 15.331, 325.253$.

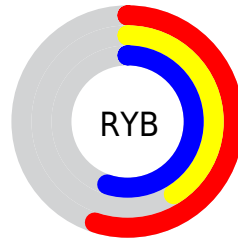
Distribution



Red (55%)

Green (41%)

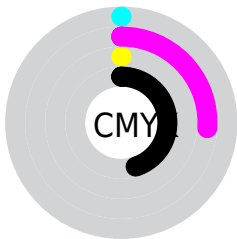
Blue (55%)



Red (55%)

Yellow (41%)

Blue (55%)

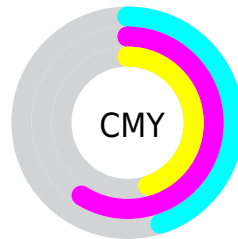


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (59%)

Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 25.208, 325.784 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 49, 25.208, 325.784 by changing the saturation by 10% instead.


 49, 25.208,
325.784


 49, 25.208,
325.784


 100, 25.208,
325.784

 39, 25.208,
325.784

 69, 25.208,
325.784


 29, 25.208,
325.784

 79, 25.208,
325.784

 19, 25.208,
325.784

 89, 25.208,
325.784

 9, 25.208, 325.784

 99, 25.208,
325.784

 0, 25.208, 325.784

 49, 25.208,

 49, 25.208,

325.784

46, 34.907,
326.295

42, 44.190,
326.772

40, 52.747,
327.202

37, 60.223,
327.568

35, 66.270,
327.858

34, 70.625,
328.062

33, 73.265,
328.184

33, 74.241,
328.229

325.784

53, 15.331,
325.253

56, 5.461, 324.699

60, 4.282, 144.256

64, 13.819,
143.710

68, 23.104,
143.209

72, 32.115,
142.733

76, 40.843,
142.284

80, 49.290,
141.861

 84, 57.466,
141.465

Harmonies

Complementary

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



49, 25.208, 325.784



55, 25.197, 142.784

Rectangle

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



49, 25.208, 325.784



49, 25.208, 15.784



49, 25.208, 145.784



49, 25.208, 195.784

Sweetspot

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



49, 25.206, 325.784



71, 9.750, 324.848



46, 21.080, 292.458



36, 6.910, 324.924



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



49, 25.206, 325.784



60, 37.891, 326.098



48, 18.143, 344.953



28, 5.608, 324.905



32, 72.104, 328.229



1, 3.767, 324.436

Inverse Universe

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



48, 15.458, 21.308



59, 23.804, 21.990



55, 17.635, 160.560



28, 3.246, 19.882



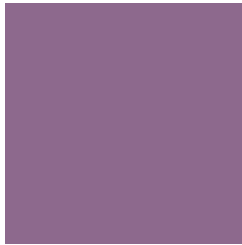
27, 64.129, 38.795



0, 2.121, 19.398

Previews

White Background



This preview shows how the CIELCh color 49, 25.208, 325.784 looks on a white background.

Color Contrast Check

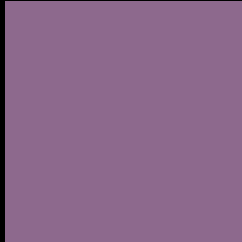
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 25.208, 325.784 looks on a black 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

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

CIELCh 49, 25.208, 325.784

Background



This preview shows how black text looks on a background with the CIELCh color 49, 25.208, 325.784.



This preview shows how white text looks on a background with the CIELCh color 49, 25.208, 325.784.

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


49, 25.208, 325.784

Protanopia

49, 19.478, 285.409

Deuteranopia

49, 14.770, 296.426



Tritanopia
49, 12.450, 358.960

Trichromacy



Original Color
49, 25.208, 325.784

Protanomaly
49, 20.367, 302.051

Deuteranomaly
49, 18.052, 310.588

Tritanomaly
49, 16.682, 339.721

Monochromacy



Original Color
49, 25.208, 325.784

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 9.943, 324.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 25.208, 325.784 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, 141)` looks like.

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

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, 141) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 49, 25.208, 325.784 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, 141) }
```

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

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

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, 141)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 49, 25.208, 325.784 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, 141) }
```

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

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

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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