

Converting Colors

CIELCh(48, 24.994, 330.889)

Have a look what the booklet for
CIELCh(48, 24.994, 330.889)
contains.

CIELCh(48, 25.275, 330.512)	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(48, 25.275, 330.512)

Conversions

Conversions Part 1

Format	Color
Hex	8D6587
RGB	141, 101, 135
RGB Percent	55%, 40%, 53%
CMY	0.4461, 0.6030, 0.4696
CMYK	0.00, 0.28, 0.04, 0.45
HSL	309°, 17%, 48%
HSV	309°, 28%, 55%
XYZ	20.0945, 16.7945, 25.1953
YIQ	116.8360, 12.9260, 19.0540

Conversions

Conversions Part 2

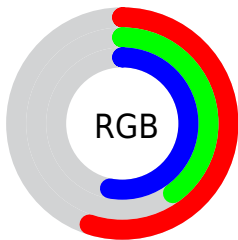
Format	Color
R_{YB}	141, 101, 135
Decimal	9266567
CIE _{Lab}	48.00, 22.00, -12.44
CIE _{LCh}	48, 25.275, 330.512
Yxy	16.7945, 0.3237, 0.2705
Android (android.graphics.Color)	4287456647 (0xFF8D6587)
YUV	116.8360, 8.9549, 21.1918
Hunter-Lab	40.9810, 15.8083, -7.7649

Details

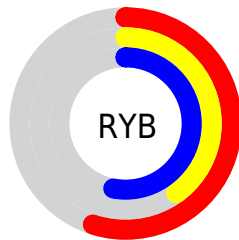
The CIELCh color $48, 25.275, 330.512$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 25.210, 146.856$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 25.374, 330.596$, and $28, 25.422, 330.656$ is the 20% darker color. If you saturate the color by 10%, you get $45, 34.010, 331.128$, and if you desaturate by 10%, it is $52, 16.339, 329.903$.

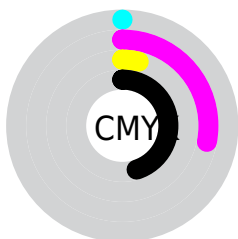
Distribution



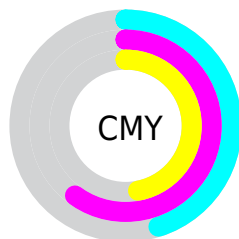
- Red (55%)
- Green (40%)
- Blue (53%)



- Red (55%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (4%)
- Black (45%)





- Cyan (45%)
- Magenta (60%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 25.275, 330.512 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, 25.275, 330.512 by changing the saturation by 10% instead.


 48, 25.275,
330.512


 48, 25.275,
330.512


 100, 25.275,
330.512


 38, 25.275,
330.512

 68, 25.275,
330.512


 28, 25.275,
330.512

 78, 25.275,
330.512

 18, 25.275,
330.512

 88, 25.275,
330.512

 8, 25.275, 330.512

 98, 25.275,
330.512

 0, 25.275, 330.512

 48, 25.275,

 48, 25.275,

330.512

45, 34.010,
331.128

41, 42.304,
331.746

39, 49.841,
332.367

36, 56.259,
332.990

34, 61.205,
333.624

33, 64.419,
334.283

32, 66.112,
334.978

32, 66.374,
335.093

330.512

52, 16.339,
329.903

55, 7.387, 329.295

59, 1.464, 148.908

63, 10.138,
148.221

67, 18.592,
147.681

72, 26.803,
147.172

76, 34.767,
146.690

80, 42.486,
146.234

■ 84, 49.969,
145.805

Harmonies

Complementary

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



48, 25.275, 330.512



55, 25.210, 146.856

Rectangle

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



48, 25.275, 330.512



48, 25.275, 20.512



48, 25.275, 150.512



48, 25.275, 200.512

Sweetspot

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



48, 25.273, 330.512



71, 8.790, 329.285



45, 24.087, 298.533



36, 6.230, 329.370



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, 25.273, 330.512



59, 37.474, 330.905



47, 18.419, 355.482



28, 5.056, 329.348



30, 64.308, 335.061



1, 3.395, 328.842

Inverse Universe

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



48, 25.273, 330.512



59, 37.474, 330.905



56, 17.230, 169.913



28, 5.056, 329.348



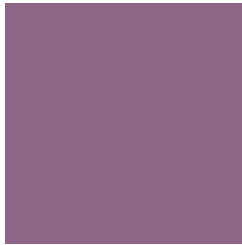
30, 64.308, 335.061



1, 3.395, 328.842

Previews

White Background



This preview shows how the CIELCh color 48, 25.275, 330.512 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, 25.275, 330.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

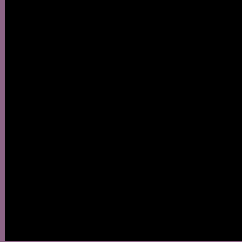
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 25.275, 330.512

Background



This preview shows how black text looks on a background with the CIELCh color 48, 25.275, 330.512.



This preview shows how white text looks on a background with the CIELCh color 48, 25.275, 330.512.

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, 25.275, 330.512

Protanopia

48, 17.759, 285.556

Deuteranopia

48, 13.171, 300.174



Tritanopia
48, 14.514, 2.501

Trichromacy



Original Color
48, 25.275, 330.512

Protanomaly
48, 18.764, 303.971

Deuteranomaly
48, 17.465, 315.487

Tritanomaly
48, 17.345, 346.649

Monochromacy



Original Color
48, 25.275, 330.512

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 9.752, 328.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 25.275, 330.512 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, 101, 135)` looks like.

```
.text, #text, p{  
    color:rgb(141, 101, 135)  
}
```

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, 101, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 101, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 25.275, 330.512 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, 101, 135) }
```

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

```
.border{ border-color:rgb(141, 101, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 101, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 101, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 101, 135);  
box-shadow:4px 4px 4px 4px rgb(141, 101,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 25.275, 330.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 101, 135) }
```

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

```
.background{ background-color: rgb(141,  
101, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor