

Converting Colors

CIELCh(58, 24.721, 66.666)

Have a look what the booklet for
CIELCh(58, 24.721, 66.666) contains.

CIELCh(58, 24.721, 66.666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 24.721, 66.666)

Conversions

Conversions Part 1

Format	Color
Hex	A98464
RGB	169, 132, 100
RGB Percent	66%, 52%, 39%
CMY	0.3362, 0.4813, 0.6069
CMYK	0.00, 0.22, 0.41, 0.34
HSL	28°, 29%, 53%
HSV	28°, 41%, 66%
XYZ	27.0181, 25.9610, 15.7049
YIQ	139.4150, 32.3240, -2.1080

Conversions

Conversions Part 2

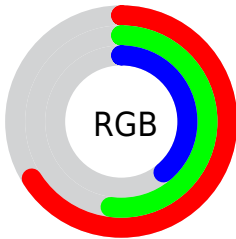
Format	Color
R_{YB}	169, 160, 100
Decimal	11109476
CIE Lab	58.00, 9.79, 22.70
CIE LCh	58, 24.721, 66.666
Yxy	25.9610, 0.3934, 0.3780
Android (android.graphics.Color)	4289299556 (0xFFA98464)
YUV	139.4150, -19.4316, 25.9460
Hunter-Lab	50.9519, 5.4866, 17.3914

Details

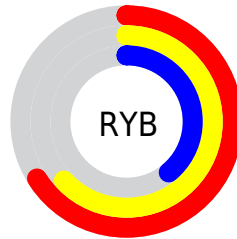
The CIELCh color $58, 24.721, 66.666$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $56, 21.453, 258.162$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 24.903, 66.355$, and $38, 24.610, 67.392$ is the 20% darker color. If you saturate the color by 10%, you get $55, 31.590, 65.524$, and if you desaturate by 10%, it is $61, 18.168, 67.823$.

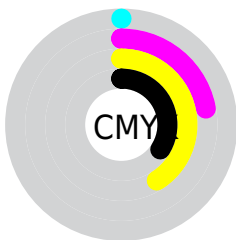
Distribution



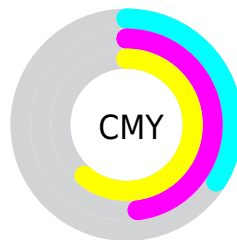
- Red (66%)
- Green (52%)
- Blue (39%)



- Red (66%)
- Yellow (63%)
- Blue (39%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (34%)



- Cyan (34%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 24.721, 66.666 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 58, 24.721, 66.666 by changing the saturation by 10% instead.

■ 58, 24.721, 66.666

■ 58, 24.721, 66.666

■ 100, 24.721,
66.666

■ 48, 24.721, 66.666

■ 78, 24.721, 66.666

■ 38, 24.721, 66.666

■ 88, 24.721, 66.666

■ 28, 24.721, 66.666

■ 98, 24.721, 66.666

■ 18, 24.721, 66.666

■ 8, 24.721, 66.666

■ 0, 24.721, 66.666

■ 58, 24.721, 66.666

■ 58, 24.721, 66.666

■ 55, 31.590, 65.524

■ 61, 18.168, 67.823

■ 53, 38.713, 64.365

■ 63, 11.944, 68.974

50, 45.934, 63.149

66, 6.036, 70.103

48, 52.908, 61.759

69, 0.421, 70.476

46, 58.984, 59.951

72, 4.930, 252.507

44, 63.624, 57.972

75, 10.045,
253.572

78, 14.949,
254.629

81, 19.669,
255.655

84, 24.226,
256.645

Harmonies

Complementary

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



58, 24.721, 66.666



56, 21.453, 258.162

Rectangle

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



58, 24.721, 66.666



58, 24.721, 116.666



58, 24.721, 246.666



58, 24.721, 296.666

Sweetspot

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



58, 24.721, 66.672



83, 8.326, 69.945



51, 34.338, 344.792



43, 5.532, 69.808



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



58, 24.721, 66.672



71, 37.544, 65.628



67, 35.422, 104.044



34, 3.141, 70.267



39, 57.461, 58.426



3, 5.453, 63.788

Inverse Universe

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



56, 21.453, 258.162



67, 31.440, 260.456



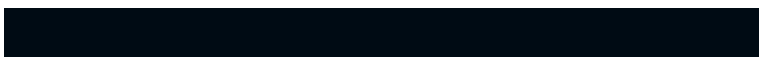
46, 38.907, 293.677



34, 3.060, 252.604



34, 43.986, 279.372



3, 5.935, 259.381

Previews

White Background



This preview shows how the CIELCh color 58, 24.721, 66.666 looks on a white 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

Black Background



This preview shows how the CIE LCh color 58, 24.721, 66.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

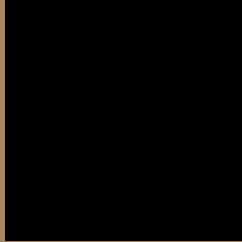
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 24.721, 66.666

Background



This preview shows how black text looks on a background with the CIELCh color 58, 24.721, 66.666.



This preview shows how white text looks on a background with the CIELCh color 58, 24.721, 66.666.

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

58, 24.721, 66.666

Protanopia

58, 20.847, 94.602

Deuteranopia

58, 24.090, 72.081



Tritanopia
58, 19.389, 4.759

Trichromacy



Original Color
58, 24.721, 66.666

Protanomaly
58, 21.682, 84.135

Deuteranomaly
58, 24.229, 69.734

Tritanomaly
58, 18.303, 30.044

Monochromacy



Original Color
58, 24.721, 66.666

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.483, 66.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 24.721, 66.666 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(169, 132, 100)` looks like.

```
.text, #text, p{  
    color:rgb(169, 132, 100)  
}
```

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(169, 132, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 132, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 24.721, 66.666 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(169, 132, 100) }
```

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

```
.border{ border-color:rgb(169, 132, 100) }
```

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

Here you see how a box with a 4 pixel rgb(169, 132, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 132, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 132, 100);  
box-shadow:4px 4px 4px 4px rgb(169, 132,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 24.721, 66.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 132, 100) }
```

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

```
.background{ background-color: rgb(169,  
132, 100) }
```

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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