

Converting Colors

CIELCh(60, 27.564, 94.422)

Have a look what the booklet for
CIELCh(60, 27.564, 94.422) contains.

CIELCh(60, 27.481, 94.168)	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(60, 27.481, 94.168)

Conversions

Conversions Part 1

Format	Color
Hex	9E9060
RGB	158, 144, 96
RGB Percent	62%, 56%, 38%
CMY	0.3798, 0.4347, 0.6230
CMYK	0.00, 0.09, 0.39, 0.38
HSL	46°, 24%, 50%
HSV	46°, 39%, 62%
XYZ	26.2444, 28.1233, 15.1453
YIQ	142.7140, 23.7520, -11.9600

Conversions

Conversions Part 2

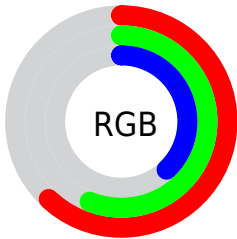
Format	Color
RYB	114, 158, 96
Decimal	10391648
CIELab	60.00, -2.00, 27.41
CIELCh	60, 27.481, 94.168
Yxy	28.1233, 0.3775, 0.4046
Android (android.graphics.Color)	4288581728 (0xFF9E9060)
YUV	142.7140, -23.0300, 13.4058
Hunter-Lab	53.0314, -4.4682, 20.1893

Details

The CIELCh color $60, 27.481, 94.168$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $47, 28.581, 284.748$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 27.707, 94.180$, and $40, 27.301, 94.655$ is the 20% darker color. If you saturate the color by 10%, you get $59, 34.433, 92.923$, and if you desaturate by 10%, it is $61, 20.440, 95.398$.

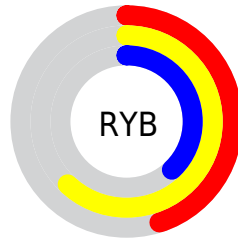
Distribution



Red (62%)

Green (56%)

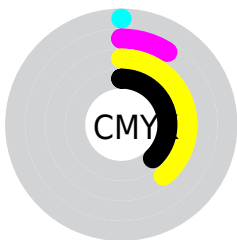
Blue (38%)



Red (45%)

Yellow (62%)

Blue (38%)

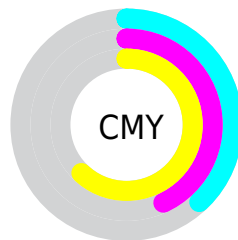


Cyan (0%)

Magenta (9%)

Yellow (39%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 27.481, 94.168 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 60, 27.481, 94.168 by changing the saturation by 10% instead.

60, 27.481, 94.168

60, 27.481, 94.168

100, 27.481,
94.168

50, 27.481, 94.168

80, 27.481, 94.168

40, 27.481, 94.168

90, 27.481, 94.168

30, 27.481, 94.168

20, 27.481, 94.168

10, 27.481, 94.168

0, 27.481, 94.168

60, 27.481, 94.168

60, 27.481, 94.168

59, 34.433, 92.923

61, 20.440, 95.398

58, 41.145, 91.651

63, 13.393, 96.593

■ 56, 47.365, 90.350

■ 64, 6.387, 97.747

■ 55, 52.699, 88.997

■ 65, 0.553, 279.159

■ 54, 56.617, 87.541

■ 67, 7.417, 280.003

■ 53, 59.028, 85.958

■ 68, 14.199,
281.034

■ 53, 59.220, 85.837

■ 70, 20.900,
282.023

■ 71, 27.522,
282.966

■ 73, 34.066,
283.860

Harmonies

Complementary

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



60, 27.481, 94.168



47, 28.581, 284.748

Rectangle

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



60, 27.481, 94.168



60, 27.481, 144.168



60, 27.481, 274.168



60, 27.481, 324.168

Sweetspot

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



60, 27.482, 94.172



81, 10.362, 97.404



48, 27.251, 5.426



43, 6.932, 97.266



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 27.482, 94.172



75, 40.893, 93.086



63, 34.564, 118.204



33, 3.920, 97.743



48, 54.998, 86.009



3, 4.937, 96.566

Inverse Universe

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



47, 28.581, 284.748



56, 43.140, 286.610



45, 37.581, 303.487



31, 3.957, 279.931



20, 72.403, 300.946



1, 5.189, 279.541

Previews

White Background



This preview shows how the CIELCh color 60, 27.481, 94.168 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 CIELCh color 60, 27.481, 94.168 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 60, 27.481, 94.168

Background



This preview shows how black text looks on a background with the CIELCh color 60, 27.481, 94.168.



This preview shows how white text looks on a background with the CIELCh color 60, 27.481, 94.168.

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

60, 27.481, 94.168

Protanopia

60, 27.788, 96.130

Deuteranopia

60, 28.075, 73.932



Tritanopia
60, 11.666, 351.821

Trichromacy



Original Color
60, 27.481, 94.168

Protanomaly
60, 27.788, 96.130

Deuteranomaly
60, 27.287, 80.404

Tritanomaly
60, 11.006, 54.129

Monochromacy



Original Color
60, 27.481, 94.168

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.874, 94.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 27.481, 94.168 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(158, 144, 96)` looks like.

```
.text, #text, p{  
    color:rgb(158, 144, 96)  
}
```

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(158, 144, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 144, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 27.481, 94.168 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(158, 144, 96) }
```

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

```
.border{ border-color:rgb(158, 144, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 144, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 144, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 144, 96);  
box-shadow:4px 4px 4px 4px rgb(158, 144,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 27.481, 94.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 144, 96) }
```

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

```
.background{ background-color: rgb(158,  
144, 96) }
```

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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