

Converting Colors

CIELCh(60, 14.935, 294.210)

Have a look what the booklet for
CIELCh(60, 14.935, 294.210)
contains.

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Color

CIELCh(60, 14.742, 294.636)

Conversions

Conversions Part 1

Format	Color
Hex	908EA8
RGB	144, 142, 168
RGB Percent	56%, 56%, 66%
CMY	0.4351, 0.4429, 0.3410
CMYK	0.14, 0.15, 0.00, 0.34
HSL	245°, 13%, 61%
HSV	245°, 15%, 66%
XYZ	28.2631, 28.1233, 41.0094
YIQ	145.5620, -7.1540, 8.5100

Conversions

Conversions Part 2

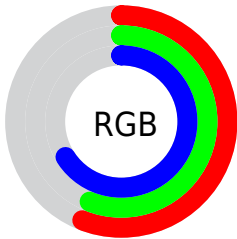
Format	Color
RYB	144, 142, 168
Decimal	9473704
CIELab	60.00, 6.15, -13.40
CIElCh	60, 14.742, 294.636
Yxy	28.1233, 0.2902, 0.2888
Android (android.graphics.Color)	4287663784 (0xFF908EA8)
YUV	145.5620, 11.0619, -1.3699
Hunter-Lab	53.0314, 2.3265, -8.7272

Details

The CIELCh color $60, 14.742, 294.636$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 14.240, 111.913$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.431, 294.213$, and $40, 14.670, 293.870$ is the 20% darker color. If you saturate the color by 10%, you get $54, 24.760, 295.757$, and if you desaturate by 10%, it is $66, 5.116, 293.674$.

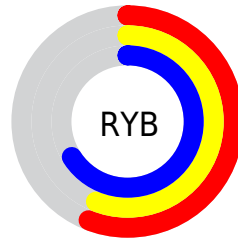
Distribution



Red (56%)

Green (56%)

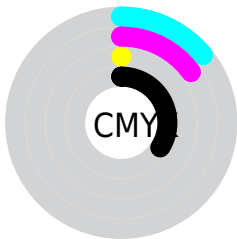
Blue (66%)



Red (56%)

Yellow (56%)

Blue (66%)

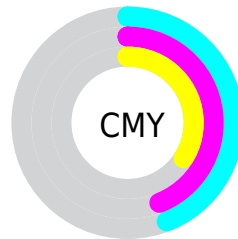


Cyan (14%)

Magenta (15%)

Yellow (0%)

Black (34%)



Cyan (44%)

Magenta (44%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 14.742, 294.636 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, 14.742, 294.636 by changing the saturation by 10% instead.

■ 60, 14.742,
294.636

■ 60, 14.742,
294.636

■ 100, 14.742,
294.636

■ 50, 14.742,
294.636

■ 80, 14.742,
294.636

■ 40, 14.742,
294.636

■ 90, 14.742,
294.636

■ 30, 14.742,
294.636

■ 20, 14.742,
294.636

■ 10, 14.742,
294.636

■ 0, 14.742, 294.636

■ 60, 14.742,

■ 60, 14.742,

294.636

54, 24.760,
295.757

48, 35.193,
297.061

43, 46.032,
298.554

37, 57.205,
300.220

32, 68.482,
301.996

27, 79.316,
303.742

23, 88.662,
305.219

21, 95.133,
306.157

294.636

66, 5.116, 293.674

71, 4.139, 112.836

77, 13.049,
112.136

83, 21.641,
111.532

88, 29.934,
111.013

94, 37.950,
110.566

98, 43.491,
108.068

98, 43.479,
106.856

■ 20, 97.509,
306.546

Harmonies

Complementary

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



60, 14.742, 294.636



68, 14.240, 111.913

Rectangle

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



60, 14.742, 294.636



60, 14.742, 344.636



60, 14.742, 114.636



60, 14.742, 164.636

Sweetspot

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



60, 14.741, 294.634



84, 5.802, 293.641



66, 8.840, 204.962



44, 3.957, 293.700



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 14.741, 294.634



74, 22.654, 295.049



61, 15.709, 312.016



33, 5.334, 294.021



17, 88.720, 306.585



1, 9.575, 292.780

Inverse Universe

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



62, 16.709, 327.436



77, 25.512, 327.658



67, 15.433, 130.708



33, 6.101, 327.077



34, 72.563, 331.486



2, 10.852, 327.448

Previews

White Background



This preview shows how the CIELCh color 60, 14.742, 294.636 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, 14.742, 294.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

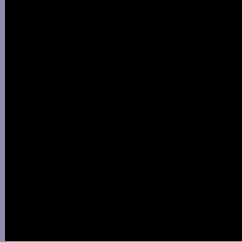
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

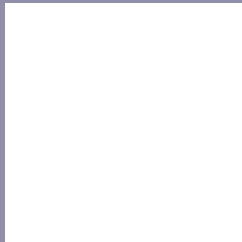
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 14.742, 294.636

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.742, 294.636.



This preview shows how white text looks on a background with the CIELCh color 60, 14.742, 294.636.

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, 14.742, 294.636

Protanopia

60, 14.715, 287.635

Deuteranopia

60, 15.477, 299.980



Tritanopia
60, 6.810, 284.644

Trichromacy



Original Color
60, 14.742, 294.636

Protanomaly
60, 14.700, 289.023

Deuteranomaly
60, 15.427, 298.638

Tritanomaly
60, 9.615, 291.264

Monochromacy



Original Color
60, 14.742, 294.636

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 5.081, 290.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 14.742, 294.636 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(144, 142, 168)` looks like.

```
.text, #text, p{  
    color:rgb(144, 142, 168)  
}
```

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(144, 142, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 142, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.742, 294.636 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(144, 142, 168) }
```

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

```
.border{ border-color:rgb(144, 142, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 142, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 142, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 142, 168);  
box-shadow:4px 4px 4px 4px rgb(144, 142,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.742, 294.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 142, 168) }
```

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

```
.background{ background-color: rgb(144,  
142, 168) }
```

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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