

Converting Colors

CIELCh(42, 14.750, 308.902)

Have a look what the booklet for
CIELCh(42, 14.750, 308.902)
contains.

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Color

CIELCh(42, 14.631, 309.188)

Conversions

Conversions Part 1

Format	Color
Hex	6A5F76
RGB	106, 95, 118
RGB Percent	42%, 37%, 46%
CMY	0.5852, 0.6283, 0.5381
CMYK	0.10, 0.20, 0.00, 0.54
HSL	269°, 11%, 42%
HSV	269°, 20%, 46%
XYZ	13.2483, 12.5000, 18.7856
YIQ	100.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

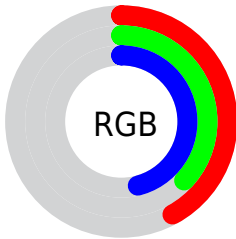
Format	Color
R_{YB}	106, 95, 118
Decimal	6971254
CIE _{Lab}	42.00, 9.24, -11.34
CIE _{LCh}	42, 14.631, 309.188
Yxy	12.5000, 0.2975, 0.2807
Android (android.graphics.Color)	4285161334 (0xFF6A5F76)
YUV	100.9110, 8.4249, 4.4631
Hunter-Lab	35.3553, 5.0152, -6.7543

Details

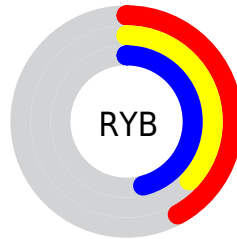
The CIELCh color $42, 14.631, 309.188$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 14.246, 127.450$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 14.800, 309.038$, and $22, 14.778, 309.552$ is the 20% darker color. If you saturate the color by 10%, you get $38, 22.409, 309.701$, and if you desaturate by 10%, it is $46, 7.038, 308.706$.

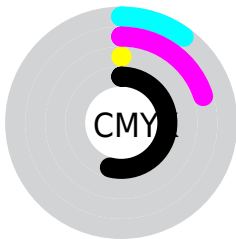
Distribution



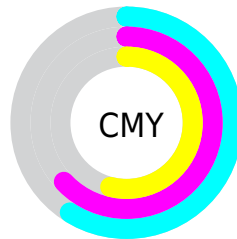
- Red (42%)
- Green (37%)
- Blue (46%)



- Red (42%)
- Yellow (37%)
- Blue (46%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (54%)



- Cyan (59%)
- Magenta (63%)
- Yellow (54%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 14.631, 309.188 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 42, 14.631, 309.188 by changing the saturation by 10% instead.

 42, 14.631,
309.188


 42, 14.631,
309.188


 100, 14.631,
309.188


 32, 14.631,
309.188

 62, 14.631,
309.188


 22, 14.631,
309.188

 72, 14.631,
309.188

 12, 14.631,
309.188


 82, 14.631,
309.188

 2, 14.631, 309.188

 92, 14.631,
309.188

 0, 14.631, 309.188

 42, 14.631,

 42, 14.631,

309.188

309.188

38, 22.409,
309.701

46, 7.038, 308.706

34, 30.326,
310.239

50, 0.343, 128.503

54, 7.507, 127.904

31, 38.288,
310.782

57, 14.454,
127.552

27, 46.136,
311.293

61, 21.190,
127.243

24, 53.606,
311.719

65, 27.724,
126.972

21, 60.311,
311.981

69, 34.066,
126.736

18, 65.753,
311.977

73, 40.226,
126.530

16, 70.303,
311.856

76, 46.214,

■ 16, 70.539,
311.859

126.353

Harmonies

Complementary

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



42, 14.631, 309.188



48, 14.246, 127.450

Rectangle

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



42, 14.631, 309.188



42, 14.631, 359.188



42, 14.631, 129.188



42, 14.631, 179.188

Sweetspot

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



42, 14.630, 309.187



60, 5.472, 308.550



45, 7.833, 254.298



31, 3.610, 308.571



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



42, 14.630, 309.187



52, 21.472, 309.392



43, 16.462, 324.518



23, 4.144, 308.684



17, 72.542, 311.813



39, 123.723, 311.203

Inverse Universe

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



43, 11.955, 344.064



53, 17.504, 344.438



47, 16.431, 142.433



23, 3.400, 343.147



25, 49.643, 358.401



54, 83.652, 0.784

Previews

White Background



This preview shows how the CIELCh color 42, 14.631, 309.188 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 42, 14.631, 309.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

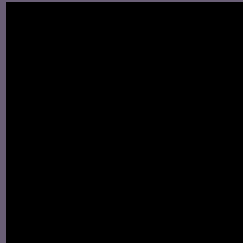
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 14.631, 309.188

Background



This preview shows how black text looks on a background with the CIELCh color 42, 14.631, 309.188.



This preview shows how white text looks on a background with the CIELCh color 42, 14.631, 309.188.

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


42, 14.631, 309.188

Protanopia

42, 13.353, 285.659

Deuteranopia

42, 12.183, 297.402



Tritanopia
42, 5.654, 321.317

Trichromacy



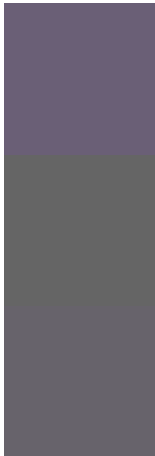
Original Color
42, 14.631, 309.188

Protanomaly
42, 13.332, 293.762

Deuteranomaly
42, 12.972, 302.359

Tritanomaly
42, 9.257, 314.389

Monochromacy



Original Color
42, 14.631, 309.188

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 5.116, 309.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 14.631, 309.188 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(106, 95, 118)` looks like.

```
.text, #text, p{  
    color:rgb(106, 95, 118)  
}
```

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(106, 95, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 95, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 14.631, 309.188 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(106, 95, 118) }
```

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

```
.border{ border-color:rgb(106, 95, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 95, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 95, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 95, 118);  
box-shadow:4px 4px 4px 4px rgb(106, 95,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 14.631, 309.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 95, 118) }
```

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

```
.background{ background-color: rgb(106, 95,  
118) }
```

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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