

Converting Colors

CIELCh(42, 15.923, 325.435)

Have a look what the booklet for
CIELCh(42, 15.923, 325.435)
contains.

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Color

CIELCh(42, 16.000, 325.434)

Conversions

Conversions Part 1

Format	Color
Hex	725C72
RGB	114, 92, 114
RGB Percent	45%, 36%, 45%
CMY	0.5521, 0.6384, 0.5521
CMYK	0.00, 0.19, 0.00, 0.55
HSL	300°, 11%, 40%
HSV	300°, 19%, 45%
XYZ	13.8601, 12.5000, 17.6635
YIQ	101.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

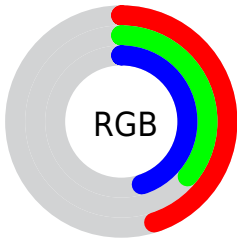
Format	Color
R_{YB}	114, 92, 114
Decimal	7494770
CIE Lab	42.00, 13.18, -9.08
CIE LCh	42, 16.000, 325.434
Yxy	12.5000, 0.3148, 0.2839
Android (android.graphics.Color)	4285684850 (0xFF725C72)
YUV	101.0860, 6.3666, 11.3256
Hunter-Lab	35.3553, 8.1040, -4.8726

Details

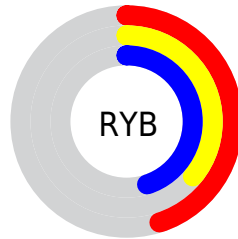
The CIELCh color $42, 16.000, 325.434$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 15.986, 143.293$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 16.283, 325.206$, and $22, 15.979, 325.886$ is the 20% darker color. If you saturate the color by 10%, you get $39, 24.293, 325.949$, and if you desaturate by 10%, it is $45, 7.665, 324.903$.

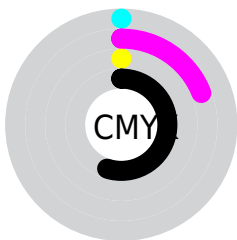
Distribution



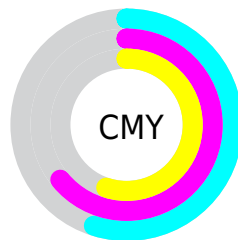
- Red (45%)
- Green (36%)
- Blue (45%)



- Red (45%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (55%)





- Cyan (55%)
- Magenta (64%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 16.000, 325.434 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, 16.000, 325.434 by changing the saturation by 10% instead.


 42, 16.000,
325.434


 42, 16.000,
325.434


 100, 16.000,
325.434


 32, 16.000,
325.434

 62, 16.000,
325.434


 22, 16.000,
325.434

 72, 16.000,
325.434

 12, 16.000,
325.434

 82, 16.000,
325.434

 2, 16.000, 325.434

 92, 16.000,
325.434

 0, 16.000, 325.434

 42, 16.000,

 42, 16.000,

325.434

39, 24.293,
325.949

36, 32.388,
326.441

34, 40.070,
326.897

31, 47.076,
327.303

29, 53.117,
327.646

28, 57.920,
327.912

27, 61.296,
328.096

26, 63.704,
328.226

325.434

45, 7.665, 324.903

48, 0.594, 144.695

52, 8.704, 143.918

55, 16.618,
143.416

58, 24.311,
142.940

62, 31.772,
142.488

65, 39.001,
142.061

69, 46.001,
141.661

72, 52.781,

■ 26, 63.882,
328.235

141.286

Harmonies

Complementary

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



42, 16.000, 325.434



46, 15.986, 143.293

Rectangle

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



42, 16.000, 325.434



42, 16.000, 15.434



42, 16.000, 145.434



42, 16.000, 195.434

Sweetspot

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



42, 15.998, 325.434



59, 6.122, 324.729



40, 13.441, 292.213



30, 4.036, 324.755



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



42, 15.998, 325.434



52, 23.615, 325.659



42, 11.342, 345.227



22, 4.583, 324.887



28, 66.121, 328.235



59, 112.924, 328.235

Inverse Universe

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



42, 15.998, 325.434



52, 23.615, 325.659



46, 11.084, 162.075



22, 4.583, 324.887



28, 66.121, 328.235



59, 112.924, 328.235

Previews

White Background



This preview shows how the CIELCh color 42, 16.000, 325.434 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 CIE LCh color 42, 16.000, 325.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

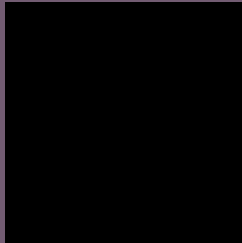
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 16.000, 325.434

Background



This preview shows how black text looks on a background with the CIELCh color 42, 16.000, 325.434.



This preview shows how white text looks on a background with the CIELCh color 42, 16.000, 325.434.

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, 16.000, 325.434

Protanopia

42, 12.124, 286.553

Deuteranopia

42, 9.914, 303.069



Tritanopia
42, 8.960, 348.107

Trichromacy



Original Color
42, 16.000, 325.434

Protanomaly
42, 12.972, 302.359

Deuteranomaly
42, 11.800, 313.486

Tritanomaly
42, 11.414, 337.595

Monochromacy



Original Color
42, 16.000, 325.434

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 5.865, 324.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 16.000, 325.434 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(114, 92, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 92, 114)  
}
```

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(114, 92, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 92, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 16.000, 325.434 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(114, 92, 114) }
```

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

```
.border{ border-color:rgb(114, 92, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 92, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 92, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 92, 114);  
box-shadow:4px 4px 4px 4px rgb(114, 92,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 16.000, 325.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 92, 114) }
```

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

```
.background{ background-color: rgb(114, 92,  
114) }
```

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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