

Converting Colors

CIELCh(42, 10.605, 325.479)

Have a look what the booklet for
CIELCh(42, 10.605, 325.479)
contains.

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Color

CIELCh(42, 10.241, 325.090)

Conversions

Conversions Part 1

Format	Color
Hex	6D5F6D
RGB	109, 95, 109
RGB Percent	43%, 37%, 43%
CMY	0.5731, 0.6280, 0.5731
CMYK	0.00, 0.13, 0.00, 0.57
HSL	300°, 7%, 40%
HSV	300°, 13%, 43%
XYZ	13.1189, 12.5000, 16.1464
YIQ	100.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

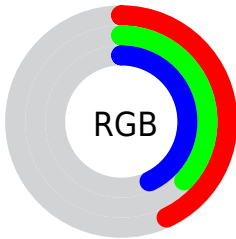
Format	Color
R_{YB}	109, 95, 109
Decimal	7167853
CIE _{Lab}	42.00, 8.40, -5.86
CIE _{LCh}	42, 10.241, 325.090
Yxy	12.5000, 0.3141, 0.2993
Android (android.graphics.Color)	4285357933 (0xFF6D5F6D)
YUV	100.7820, 4.0515, 7.2072
Hunter-Lab	35.3553, 4.3620, -2.3284

Details

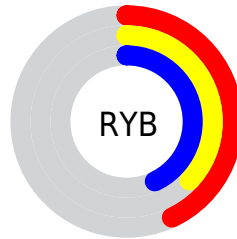
The CIELCh color $[42, 10.241, 325.090]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[44, 10.227, 143.727]$, and the grayscale version is $[43, 0.006, 296.813]$.

A 20% lighter version of the original color is $[62, 10.439, 326.692]$, and $[22, 10.260, 323.258]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 18.252, 325.612]$, and if you desaturate by 10%, it is $[45, 2.265, 324.516]$.

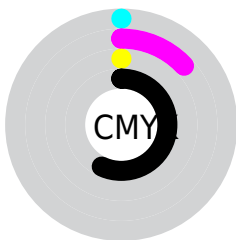
Distribution



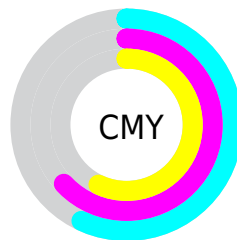
- Red (43%)
- Green (37%)
- Blue (43%)



- Red (43%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (57%)





- Cyan (57%)
- Magenta (63%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 10.241, 325.090 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, 10.241, 325.090 by changing the saturation by 10% instead.


 42, 10.241,
325.090


 42, 10.241,
325.090


 100, 10.241,
325.090


 32, 10.241,
325.090

 62, 10.241,
325.090


 22, 10.241,
325.090

 72, 10.241,
325.090

 12, 10.241,
325.090

 82, 10.241,
325.090

 2, 10.241, 325.090

 92, 10.241,
325.090

 0, 10.241, 325.090

 42, 10.241,

 42, 10.241,

325.090

39, 18.252,
325.612

36, 26.180,
326.118

34, 33.853,
326.596

31, 41.051,
327.035

29, 47.512,
327.420

27, 52.962,
327.737

26, 57.158,
327.976

25, 59.992,
328.135

325.090

45, 2.265, 324.516

48, 5.589, 144.109

51, 13.269,
143.595

55, 20.745,
143.113

58, 28.002,
142.654

61, 35.035,
142.220

65, 41.848,
141.812

68, 48.448,
141.429

■ 25, 61.740,
328.232

■ 71, 54.844,
141.071

Harmonies

Complementary

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



42, 10.241, 325.090



44, 10.227, 143.727

Rectangle

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



42, 10.241, 325.090



42, 10.241, 15.090



42, 10.241, 145.090



42, 10.241, 195.090

Sweetspot

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



42, 10.240, 325.090



57, 3.904, 324.603



41, 8.368, 290.808



29, 2.797, 324.641



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



42, 10.240, 325.090



53, 14.723, 325.224



42, 7.309, 343.741



21, 4.407, 324.880



27, 65.115, 328.232



58, 112.048, 328.232

Inverse Universe

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



42, 5.992, 20.145



52, 8.688, 20.343



45, 7.203, 161.785



21, 2.547, 19.851



23, 56.952, 37.577



51, 101.391, 40.000

Previews

White Background



This preview shows how the CIELCh color 42, 10.241, 325.090 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, 10.241, 325.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

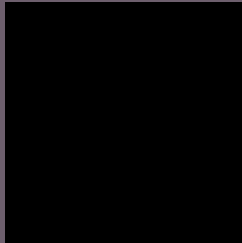
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 10.241, 325.090

Background



This preview shows how black text looks on a background with the CIELCh color 42, 10.241, 325.090.



This preview shows how white text looks on a background with the CIELCh color 42, 10.241, 325.090.

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, 10.241, 325.090

Protanopia

42, 7.869, 288.475

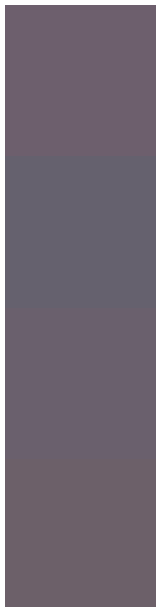
Deuteranopia

42, 8.708, 315.948



Tritanopia
42, 6.557, 340.193

Trichromacy



Original Color
42, 10.241, 325.090

Protanomaly
42, 8.057, 302.749

Deuteranomaly
42, 8.886, 318.355

Tritanomaly
42, 7.380, 332.994

Monochromacy



Original Color
42, 10.241, 325.090

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 3.672, 324.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 10.241, 325.090 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(109, 95, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 95, 109)  
}
```

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(109, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 95, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 10.241, 325.090 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(109, 95, 109) }
```

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

```
.border{ border-color:rgb(109, 95, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 95, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 95, 109); box-shadow:4px 4px 4px 4px rgb(109, 95, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 10.241, 325.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 95, 109) }
```

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

```
.background{ background-color: rgb(109, 95,  
109) }
```

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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