

Converting Colors

CIELCh(42, 11.693, 325.180)

Have a look what the booklet for
CIELCh(42, 11.693, 325.180)
contains.

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Color

CIELCh(42, 11.693, 325.180)

Conversions

Conversions Part 1

Format	Color
Hex	6E5E6E
RGB	110, 94, 110
RGB Percent	43%, 37%, 43%
CMY	0.5678, 0.6306, 0.5678
CMYK	0.00, 0.15, 0.00, 0.57
HSL	300°, 8%, 40%
HSV	300°, 15%, 43%
XYZ	13.3027, 12.5000, 16.5226
YIQ	100.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

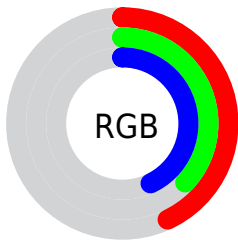
Format	Color
R_{YB}	110, 94, 110
Decimal	7233134
CIE _{Lab}	42.00, 9.60, -6.68
CIE _{LCh}	42, 11.693, 325.180
Yxy	12.5000, 0.3143, 0.2953
Android (android.graphics.Color)	4285423214 (0xFF6E5E6E)
YUV	100.6080, 4.6303, 8.2368
Hunter-Lab	35.3553, 5.2900, -2.9593

Details

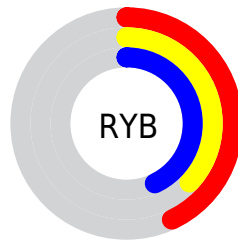
The CIELCh color $42, 11.693, 325.180$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 11.679, 143.619$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 12.249, 325.020$, and $22, 11.303, 325.506$ is the 20% darker color. If you saturate the color by 10%, you get $39, 19.782, 325.700$, and if you desaturate by 10%, it is $45, 3.622, 324.630$.

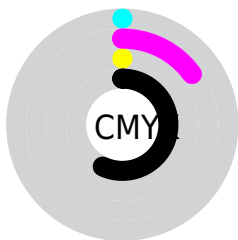
Distribution



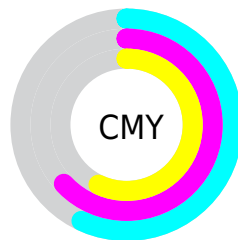
- Red (43%)
- Green (37%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (57%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 11.693, 325.180 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, 11.693, 325.180 by changing the saturation by 10% instead.


 42, 11.693,
325.180


 42, 11.693,
325.180


 100, 11.693,
325.180


 32, 11.693,
325.180

 62, 11.693,
325.180


 22, 11.693,
325.180

 72, 11.693,
325.180


 12, 11.693,
325.180


 82, 11.693,
325.180

 2, 11.693, 325.180

 92, 11.693,
325.180

 0, 11.693, 325.180

 42, 11.693,

 42, 11.693,

325.180

39, 19.782,
325.700

36, 27.760,
326.203

34, 35.446,
326.677

31, 42.609,
327.108

29, 48.978,
327.482

28, 54.276,
327.786

26, 58.271,
328.011

26, 60.945,
328.160

325.180

45, 3.622, 324.630

48, 4.337, 144.202

52, 12.128,
143.678

55, 19.715,
143.190

58, 27.083,
142.727

61, 34.225,
142.289

65, 41.143,
141.876

68, 47.843,
141.488

■ 25, 62.285,
328.234

■ 71, 54.336,
141.126

Harmonies

Complementary

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



42, 11.693, 325.180



45, 11.679, 143.619

Rectangle

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



42, 11.693, 325.180



42, 11.693, 15.180



42, 11.693, 145.180



42, 11.693, 195.180

Sweetspot

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



42, 11.692, 325.180



58, 3.962, 324.604



41, 9.746, 291.648



29, 2.797, 324.642



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, 11.692, 325.180



53, 16.945, 325.334



42, 8.262, 344.791



22, 4.583, 324.886



28, 66.123, 328.234



59, 112.928, 328.234

Inverse Universe

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



42, 11.692, 325.180



53, 16.945, 325.334



45, 8.119, 162.511



22, 4.583, 324.886



28, 66.123, 328.234



59, 112.928, 328.234

Previews

White Background



This preview shows how the CIELCh color 42, 11.693, 325.180 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, 11.693, 325.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

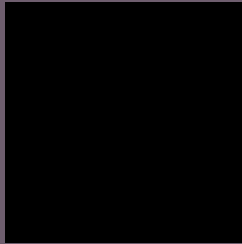
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 11.693, 325.180

Background



This preview shows how black text looks on a background with the CIELCh color 42, 11.693, 325.180.



This preview shows how white text looks on a background with the CIELCh color 42, 11.693, 325.180.

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, 11.693, 325.180

Protanopia

42, 9.076, 289.051

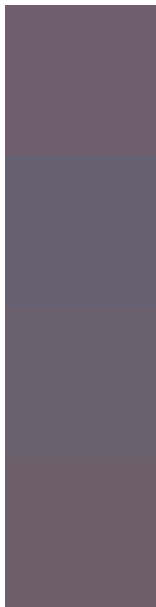
Deuteranopia

42, 8.387, 310.878



Tritanopia
42, 7.587, 340.917

Trichromacy



Original Color
42, 11.693, 325.180

Protanomaly
42, 9.324, 303.771

Deuteranomaly
42, 9.423, 316.678

Tritanomaly
42, 8.826, 331.777

Monochromacy



Original Color
42, 11.693, 325.180

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, 11.693, 325.180 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(110, 94, 110)` looks like.

```
.text, #text, p{  
    color:rgb(110, 94, 110)  
}
```

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(110, 94, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 94, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 11.693, 325.180 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(110, 94, 110) }
```

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

```
.border{ border-color:rgb(110, 94, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 94, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 94, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 94, 110);  
box-shadow:4px 4px 4px 4px rgb(110, 94,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 11.693, 325.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 94, 110) }
```

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

```
.background{ background-color: rgb(110, 94,  
110) }
```

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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