

Converting Colors

CIELCh(42, 11.620, 332.811)

Have a look what the booklet for
CIELCh(42, 11.620, 332.811)
contains.

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Color

CIELCh(42, 11.249, 332.275)

Conversions

Conversions Part 1

Format	Color
Hex	705E6C
RGB	112, 94, 108
RGB Percent	44%, 37%, 42%
CMY	0.5613, 0.6318, 0.5770
CMYK	0.00, 0.16, 0.04, 0.56
HSL	313°, 9%, 40%
HSV	313°, 16%, 44%
XYZ	13.3578, 12.5000, 15.8610
YIQ	100.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

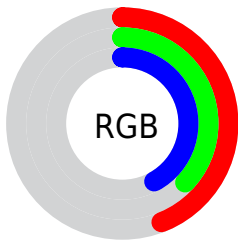
Format	Color
R_{YB}	112, 94, 108
Decimal	7364204
CIE Lab	42.00, 9.96, -5.23
CIE LCh	42, 11.249, 332.275
Yxy	12.5000, 0.3202, 0.2996
Android (android.graphics.Color)	4285554284 (0xFF705E6C)
YUV	100.9780, 3.4618, 9.6663
Hunter-Lab	35.3553, 5.5683, -1.8497

Details

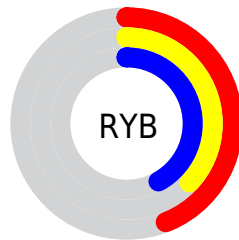
The CIELCh color $42, 11.249, 332.275$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 11.201, 150.285$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 11.416, 333.098$, and $22, 11.302, 331.456$ is the 20% darker color. If you saturate the color by 10%, you get $39, 18.289, 332.922$, and if you desaturate by 10%, it is $45, 4.229, 331.632$.

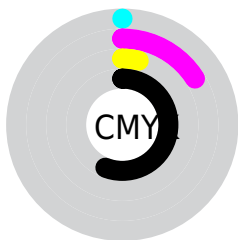
Distribution



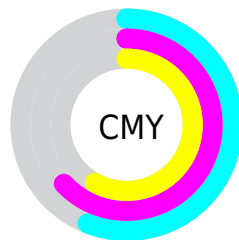
- Red (44%)
- Green (37%)
- Blue (42%)



- Red (44%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (56%)





- Cyan (56%)
- Magenta (63%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 11.249, 332.275 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, 11.249, 332.275 by changing the saturation by 10% instead.


 42, 11.249,
332.275


 42, 11.249,
332.275


 100, 11.249,
332.275


 32, 11.249,
332.275

 62, 11.249,
332.275


 22, 11.249,
332.275

 72, 11.249,
332.275

 12, 11.249,
332.275


 82, 11.249,
332.275

 2, 11.249, 332.275

 92, 11.249,
332.275

 0, 11.249, 332.275

 42, 11.249,

 42, 11.249,

332.275

39, 18.289,
332.922

36, 25.233,
333.590

33, 31.909,
334.285

31, 38.092,
335.011

29, 43.509,
335.778

27, 47.867,
336.606

25, 50.918,
337.521

24, 52.734,
338.534

332.275

45, 4.229, 331.632

48, 2.687, 151.169

52, 9.453, 150.553

55, 16.042,
150.010

59, 22.442,
149.498

62, 28.651,
149.015

65, 34.675,
148.558

69, 40.520,
148.127

72, 46.196,

■ 24, 53.414,
338.926

147.720

Harmonies

Complementary

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



42, 11.249, 332.275



45, 11.201, 150.285

Rectangle

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



42, 11.249, 332.275



42, 11.249, 22.275



42, 11.249, 152.275



42, 11.249, 202.275

Sweetspot

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



42, 11.247, 332.276



58, 4.305, 331.565



41, 11.086, 299.732



30, 2.961, 331.604



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, 11.247, 332.276



53, 16.490, 332.495



42, 8.216, 358.601



22, 3.926, 331.824



26, 56.039, 339.025



56, 94.860, 339.800

Inverse Universe

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



42, 11.247, 332.276



53, 16.490, 332.495



46, 7.844, 175.737



22, 3.926, 331.824



26, 56.039, 339.025



56, 94.860, 339.800

Previews

White Background



This preview shows how the CIELCh color 42, 11.249, 332.275 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, 11.249, 332.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

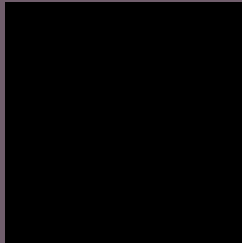
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 11.249, 332.275

Background



This preview shows how black text looks on a background with the CIELCh color 42, 11.249, 332.275.



This preview shows how white text looks on a background with the CIELCh color 42, 11.249, 332.275.

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, 11.249, 332.275

Protanopia

42, 7.253, 288.126

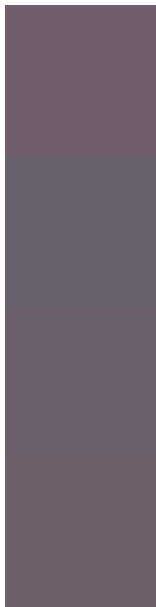
Deuteranopia

42, 7.636, 319.768



Tritanopia
42, 7.927, 348.361

Trichromacy



Original Color
42, 11.249, 332.275

Protanomaly
42, 8.259, 308.231

Deuteranomaly
42, 8.800, 325.002

Tritanomaly
42, 8.602, 341.493

Monochromacy



Original Color
42, 11.249, 332.275

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 4.204, 334.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 11.249, 332.275 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(112, 94, 108)` looks like.

```
.text, #text, p{  
    color:rgb(112, 94, 108)  
}
```

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(112, 94, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 94, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 11.249, 332.275 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(112, 94, 108) }
```

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

```
.border{ border-color:rgb(112, 94, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 94, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 94, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 94, 108);  
box-shadow:4px 4px 4px 4px rgb(112, 94,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 11.249, 332.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 94, 108) }
```

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

```
.background{ background-color: rgb(112, 94,  
108) }
```

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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