

Converting Colors

CIELCh(42, 11.014, 299.896)

Have a look what the booklet for
CIELCh(42, 11.014, 299.896)
contains.

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Color

CIELCh(42, 11.034, 299.905)

Conversions

Conversions Part 1

Format	Color
Hex	656173
RGB	101, 97, 115
RGB Percent	40%, 38%, 45%
CMY	0.6047, 0.6204, 0.5498
CMYK	0.12, 0.16, 0.00, 0.55
HSL	253°, 9%, 41%
HSV	253°, 16%, 45%
XYZ	12.6826, 12.5000, 17.9013
YIQ	100.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

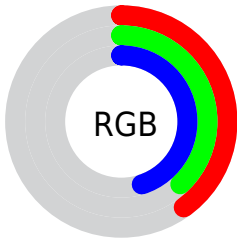
Format	Color
R_{YB}	101, 97, 115
Decimal	6644083
CIE Lab	42.00, 5.50, -9.56
CIE LCh	42, 11.034, 299.905
Yxy	12.5000, 0.2944, 0.2901
Android (android.graphics.Color)	4284834163 (0xFF656173)
YUV	100.2480, 7.2727, 0.6595
Hunter-Lab	35.3553, 2.1591, -5.2712




Details

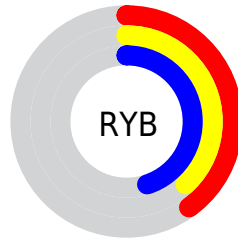
The CIELCh color $42, 11.034, 299.905$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 10.696, 117.872$, and the grayscale version is $42, 0.006, 296.813$.




A 20% lighter version of the original color is $62, 10.798, 299.190$, and $22, 10.859, 299.188$ is the 20% darker color. If you saturate the color by 10%, you get $38, 18.397, 300.705$, and if you desaturate by 10%, it is $46, 3.927, 299.198$.

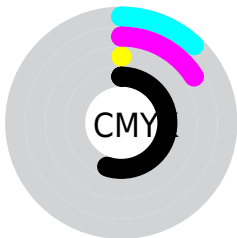
Distribution







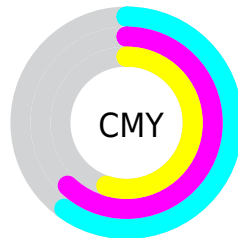
-  Red (40%)
-  Green (38%)
-  Blue (45%)






-  Red (40%)
-  Yellow (38%)
-  Blue (45%)



-  Cyan (12%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (55%)





-  Cyan (60%)
-  Magenta (62%)
-  Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 11.034, 299.905 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, 11.034, 299.905 by changing the saturation by 10% instead.


 42, 11.034,
299.905


 42, 11.034,
299.905


 100, 11.034,
299.905


 32, 11.034,
299.905

 62, 11.034,
299.905


 22, 11.034,
299.905

 72, 11.034,
299.905

 12, 11.034,
299.905

 82, 11.034,
299.905

 2, 11.034, 299.905

 92, 11.034,
299.905

 0, 11.034, 299.905

 42, 11.034,

 42, 11.034,

299.905

■ 38, 18.397,
300.705

■ 34, 26.019,
301.610

■ 30, 33.874,
302.616

■ 26, 41.896,
303.705

■ 22, 49.925,
304.831

■ 19, 57.649,
305.906

■ 16, 64.520,
306.788

■ 13, 70.071,
307.398

299.905

■ 46, 3.927, 299.198

■ 50, 2.930, 118.594

■ 54, 9.549, 118.059

■ 58, 15.944,
117.598

■ 62, 22.128,
117.199

■ 66, 28.116,
116.854

■ 70, 33.918,
116.555

■ 74, 39.548,
116.298

■ 78, 45.014,

■ 12, 72.580,
307.781

116.075

Harmonies

Complementary

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



42, 11.034, 299.905



48, 10.696, 117.872

Rectangle

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



42, 11.034, 299.905



42, 11.034, 349.905



42, 11.034, 119.905



42, 11.034, 169.905

Sweetspot

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



42, 11.033, 299.903



60, 4.315, 299.163



46, 5.902, 222.093



31, 2.970, 299.199



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, 11.033, 299.903



53, 16.806, 300.198



43, 12.060, 316.880



22, 3.986, 299.427



14, 76.048, 307.726



33, 129.676, 307.323

Inverse Universe

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



43, 11.194, 332.248



54, 16.963, 332.494



47, 11.930, 135.603



23, 4.076, 331.825



27, 56.877, 339.047



56, 95.600, 339.800

Previews

White Background



This preview shows how the CIELCh color 42, 11.034, 299.905 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, 11.034, 299.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

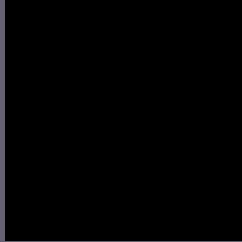
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 11.034, 299.905

Background



This preview shows how black text looks on a background with the CIELCh color 42, 11.034, 299.905.



This preview shows how white text looks on a background with the CIELCh color 42, 11.034, 299.905.

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, 11.034, 299.905

Protanopia

42, 10.899, 287.731

Deuteranopia

42, 11.034, 299.905



Tritanopia
42, 4.866, 295.659

Trichromacy



Original Color
42, 11.034, 299.905

Protanomaly
42, 10.885, 291.771

Deuteranomaly
42, 11.034, 299.905

Tritanomaly
42, 6.715, 297.995

Monochromacy



Original Color
42, 11.034, 299.905

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 3.656, 297.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 11.034, 299.905 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(101, 97, 115)` looks like.

```
.text, #text, p{  
    color:rgb(101, 97, 115)  
}
```

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(101, 97, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 97, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 11.034, 299.905 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(101, 97, 115) }
```

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

```
.border{ border-color:rgb(101, 97, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 97, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 97, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 97, 115);  
box-shadow:4px 4px 4px 4px rgb(101, 97,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 11.034, 299.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 97, 115) }
```

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

```
.background{ background-color: rgb(101, 97,  
115) }
```

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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