

Converting Colors

CIELCh(42, 9.250, 338.131)

Have a look what the booklet for
CIELCh(42, 9.250, 338.131) contains.

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Color

CIELCh(42, 8.982, 338.480)

Conversions

Conversions Part 1

Format	Color
Hex	6F5F69
RGB	111, 95, 105
RGB Percent	44%, 37%, 41%
CMY	0.5660, 0.6287, 0.5895
CMYK	0.00, 0.14, 0.05, 0.57
HSL	323°, 8%, 40%
HSV	323°, 14%, 43%
XYZ	13.1124, 12.5000, 15.0005
YIQ	100.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

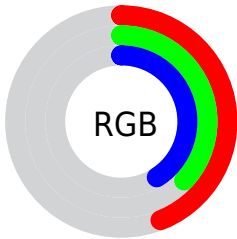
Format	Color
R_{YB}	111, 95, 105
Decimal	7298921
CIE Lab	42.00, 8.36, -3.29
CIE LCh	42, 8.982, 338.480
Yxy	12.5000, 0.3229, 0.3078
Android (android.graphics.Color)	4285489001 (0xFF6F5F69)
YUV	100.9240, 2.0095, 8.8367
Hunter-Lab	35.3553, 4.3295, -0.4067

Details

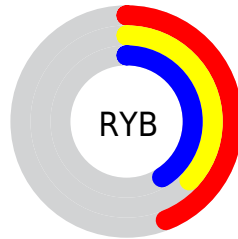
The CIELCh color $42, 8.982, 338.480$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 8.896, 156.460$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 9.313, 338.898$, and $22, 8.800, 338.126$ is the 20% darker color. If you saturate the color by 10%, you get $39, 15.282, 339.266$, and if you desaturate by 10%, it is $45, 2.742, 337.705$.

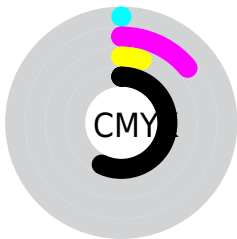
Distribution



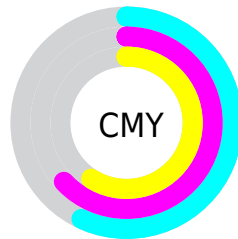
- Red (44%)
- Green (37%)
- Blue (41%)



- Red (44%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (57%)



- Cyan (57%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 8.982, 338.480 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, 8.982, 338.480 by changing the saturation by 10% instead.

■ 42, 8.982, 338.480

■ 42, 8.982, 338.480

■ 100, 8.982,
338.480

■ 32, 8.982, 338.480

■ 62, 8.982, 338.480

■ 22, 8.982, 338.480

■ 72, 8.982, 338.480

■ 12, 8.982, 338.480

■ 82, 8.982, 338.480

■ 2, 8.982, 338.480

■ 92, 8.982, 338.480

■ 0, 8.982, 338.480

■ 42, 8.982, 338.480

■ 42, 8.982, 338.480

■ 39, 15.282,
339.266

■ 45, 2.742, 337.705

■ 36, 21.549,

■ 49, 3.374, 157.192

340.112

52, 9.332, 156.522

33, 27.638,
341.039

55, 15.116,
155.927

30, 33.349,
342.074

59, 20.721,
155.373

28, 38.428,
343.254

62, 26.151,
154.854

26, 42.593,
344.633

65, 31.412,
154.368

25, 45.581,
346.286

69, 36.513,
153.910

24, 47.332,
348.272

72, 41.465,
153.480

23, 48.224,
349.388

Harmonies

Complementary

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



42, 8.982, 338.480



45, 8.896, 156.460

Rectangle

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



42, 8.982, 338.480



42, 8.982, 28.480



42, 8.982, 158.480



42, 8.982, 208.480

Sweetspot

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



42, 8.980, 338.482



58, 3.039, 337.674



41, 10.024, 305.023



29, 2.146, 337.728



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, 8.980, 338.482



53, 13.052, 338.712



42, 6.934, 9.663



22, 3.520, 338.070



25, 50.957, 349.641



54, 86.122, 351.349

Inverse Universe

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



42, 8.980, 338.482



53, 13.052, 338.712



45, 6.496, 187.387



22, 3.520, 338.070



25, 50.957, 349.641



54, 86.122, 351.349

Previews

White Background



This preview shows how the CIELCh color 42, 8.982, 338.480 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, 8.982, 338.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

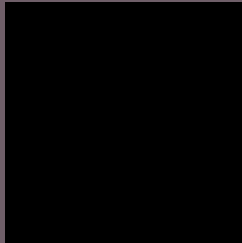
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 8.982, 338.480

Background



This preview shows how black text looks on a background with the CIELCh color 42, 8.982, 338.480.



This preview shows how white text looks on a background with the CIELCh color 42, 8.982, 338.480.

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, 8.982, 338.480

Protanopia

42, 4.835, 290.897

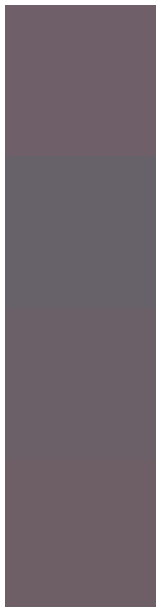
Deuteranopia

42, 6.387, 331.049



Tritanopia
42, 7.574, 346.582

Trichromacy



Original Color

42, 8.982, 338.480

Protanomaly

42, 5.999, 314.982

Deuteranomaly

42, 6.954, 336.375

Tritanomaly

42, 7.913, 342.926

Monochromacy



Original Color

42, 8.982, 338.480

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 3.094, 344.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 8.982, 338.480 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(111, 95, 105)` looks like.

```
.text, #text, p{  
    color:rgb(111, 95, 105)  
}
```

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(111, 95, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 95, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 8.982, 338.480 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(111, 95, 105) }
```

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

```
.border{ border-color:rgb(111, 95, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 95, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 95, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 95, 105); box-shadow:4px 4px 4px 4px rgb(111, 95, 105) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 8.982, 338.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 95, 105) }
```

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

```
.background{ background-color: rgb(111, 95,  
105) }
```

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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