

Converting Colors

CIELCh(42, 9.551, 328.511)

Have a look what the booklet for
CIELCh(42, 9.551, 328.511) contains.

CIELCh(42, 9.282, 329.313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(42, 9.282, 329.313)

Conversions

Conversions Part 1

Format	Color
Hex	6D5F6B
RGB	109, 95, 107
RGB Percent	43%, 37%, 42%
CMY	0.5725, 0.6274, 0.5803
CMYK	0.00, 0.13, 0.02, 0.57
HSL	309°, 7%, 40%
HSV	309°, 13%, 43%
XYZ	13.0556, 12.5000, 15.6376
YIQ	100.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

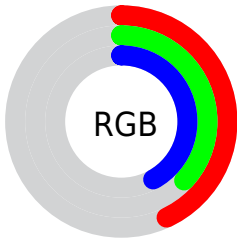
Format	Color
R_{YB}	109, 95, 107
Decimal	7167851
CIE _{Lab}	42.00, 7.98, -4.74
CIE _{LCh}	42, 9.282, 329.313
Yxy	12.5000, 0.3169, 0.3034
Android (android.graphics.Color)	4285357931 (0xFF6D5F6B)
YUV	100.5540, 3.1779, 7.4071
Hunter-Lab	35.3553, 4.0427, -1.4752

Details

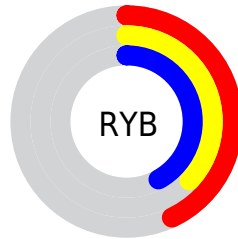
The CIELCh color $42, 9.282, 329.313$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 9.259, 147.856$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 9.566, 330.668$, and $22, 9.173, 327.737$ is the 20% darker color. If you saturate the color by 10%, you get $39, 16.563, 329.900$, and if you desaturate by 10%, it is $45, 2.043, 328.678$.

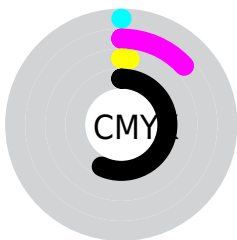
Distribution



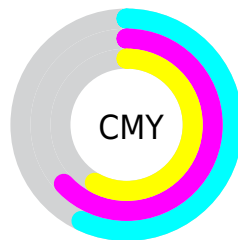
- Red (43%)
- Green (37%)
- Blue (42%)



- Red (43%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (57%)



- Cyan (57%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 9.282, 329.313 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, 9.282, 329.313 by changing the saturation by 10% instead.

■ 42, 9.282, 329.313

■ 42, 9.282, 329.313

■ 100, 9.282,
329.313

■ 32, 9.282, 329.313

■ 62, 9.282, 329.313

■ 22, 9.282, 329.313

■ 72, 9.282, 329.313

■ 12, 9.282, 329.313

■ 82, 9.282, 329.313

■ 2, 9.282, 329.313

■ 92, 9.282, 329.313

■ 0, 9.282, 329.313

■ 42, 9.282, 329.313

■ 42, 9.282, 329.313

■ 39, 16.563,
329.900

■ 45, 2.043, 328.678

■ 36, 23.781,

■ 48, 5.078, 148.262

330.490

52, 12.038,
147.715

33, 30.778,
331.083

55, 18.813,
147.206

31, 37.345,
331.677

58, 25.394,
146.724

29, 43.226,
332.269

61, 31.778,
146.268

27, 48.141,
332.860

65, 37.971,
145.836

25, 51.829,
333.459

68, 43.981,
145.428

24, 54.156,
334.078

71, 49.817,
145.044

24, 55.555,
334.517

Harmonies

Complementary

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



42, 9.282, 329.313



45, 9.259, 147.856

Rectangle

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



42, 9.282, 329.313



42, 9.282, 19.313



42, 9.282, 149.313



42, 9.282, 199.313

Sweetspot

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



42, 9.281, 329.314



58, 3.590, 328.777



41, 8.557, 296.411



29, 2.534, 328.819



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, 9.281, 329.314



53, 13.544, 329.465



42, 6.658, 352.609



21, 3.993, 329.083



26, 58.479, 334.576



56, 100.004, 335.011

Inverse Universe

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



42, 9.281, 329.314



53, 13.544, 329.465



45, 6.480, 170.442



21, 3.993, 329.083



26, 58.479, 334.576



56, 100.004, 335.011

Previews

White Background



This preview shows how the CIELCh color 42, 9.282, 329.313 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, 9.282, 329.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

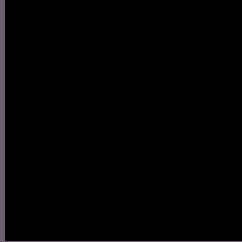
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 9.282, 329.313

Background



This preview shows how black text looks on a background with the CIELCh color 42, 9.282, 329.313.



This preview shows how white text looks on a background with the CIELCh color 42, 9.282, 329.313.

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, 9.282, 329.313

Protanopia

42, 6.048, 287.299

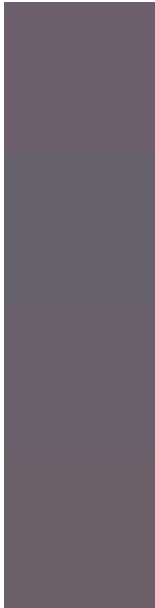
Deuteranopia

42, 7.636, 319.768



Tritanopia
42, 6.557, 340.193

Trichromacy



Original Color

42, 9.282, 329.313

Protanomaly

42, 6.281, 305.933

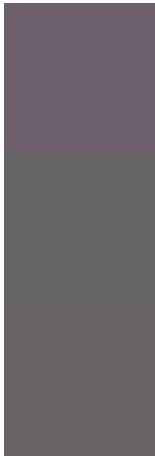
Deuteranomaly

42, 7.841, 322.425

Tritanomaly

42, 6.954, 336.375

Monochromacy



Original Color

42, 9.282, 329.313

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 3.195, 330.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 9.282, 329.313 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(109, 95, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 95, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 9.282, 329.313 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, 107) }
```

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

```
.border{ border-color:rgb(109, 95, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 95, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 95, 107);  
box-shadow:4px 4px 4px 4px rgb(109, 95,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 9.282, 329.313 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, 107) }
```

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

```
.background{ background-color: rgb(109, 95,  
107) }
```

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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