

Converting Colors

CIELCh(42, 9.767, 323.224)

Have a look what the booklet for
CIELCh(42, 9.767, 323.224) contains.

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Color

CIELCh(42, 10.021, 323.104)

Conversions

Conversions Part 1

Format	Color
Hex	6C5F6D
RGB	108, 95, 109
RGB Percent	42%, 37%, 43%
CMY	0.5761, 0.6271, 0.5722
CMYK	0.01, 0.13, 0.00, 0.57
HSL	296°, 7%, 40%
HSV	296°, 13%, 43%
XYZ	13.0605, 12.5000, 16.2176
YIQ	100.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

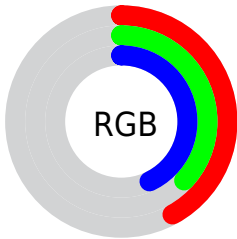
Format	Color
R_{YB}	108, 95, 109
Decimal	7102317
CIE Lab	42.00, 8.01, -6.02
CIE LCh	42, 10.021, 323.104
Yxy	12.5000, 0.3126, 0.2992
Android (android.graphics.Color)	4285292397 (0xFF6C5F6D)
YUV	100.4830, 4.1989, 6.5924
Hunter-Lab	35.3553, 4.0671, -2.4478

Details

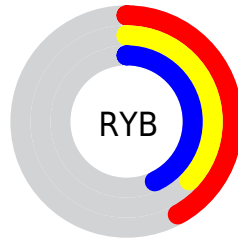
The CIELCh color $42, 10.021, 323.104$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 9.991, 141.864$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 10.013, 323.085$, and $22, 10.260, 323.258$ is the 20% darker color. If you saturate the color by 10%, you get $39, 17.899, 323.584$, and if you desaturate by 10%, it is $45, 2.200, 322.575$.

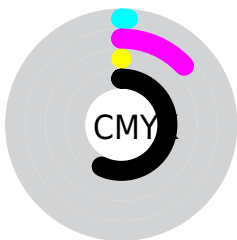
Distribution



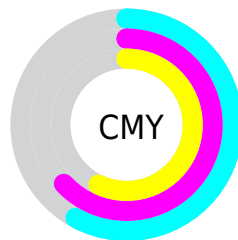
- Red (42%)
- Green (37%)
- Blue (43%)



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



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (57%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 10.021, 323.104 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, 10.021, 323.104 by changing the saturation by 10% instead.


 42, 10.021,
323.104


 42, 10.021,
323.104


 100, 10.021,
323.104


 32, 10.021,
323.104

 62, 10.021,
323.104


 22, 10.021,
323.104

 72, 10.021,
323.104


 12, 10.021,
323.104


 82, 10.021,
323.104

 2, 10.021, 323.104

 92, 10.021,
323.104

 0, 10.021, 323.104

 42, 10.021,

 42, 10.021,

323.104

39, 17.899,
323.584

36, 25.732,
324.049

33, 33.363,
324.485

31, 40.589,
324.876

28, 47.151,
325.201

27, 52.765,
325.439

25, 57.159,
325.570

24, 60.181,
325.582

323.104

45, 2.200, 322.575

48, 5.489, 142.209

52, 13.004,
141.743

55, 20.321,
141.309

58, 27.429,
140.900

62, 34.326,
140.515

65, 41.015,
140.157

68, 47.504,
139.823

■ 23, 62.081,
325.573

■ 72, 53.802,
139.513

Harmonies

Complementary

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



42, 10.021, 323.104



45, 9.991, 141.864

Rectangle

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



42, 10.021, 323.104



42, 10.021, 13.104



42, 10.021, 143.104



42, 10.021, 193.104

Sweetspot

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



42, 10.020, 323.104



58, 3.874, 322.657



41, 7.795, 287.960



29, 2.735, 322.692



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, 10.020, 323.104



53, 14.626, 323.229



42, 7.648, 340.330



21, 4.311, 322.912



25, 65.374, 325.552



55, 112.531, 325.397

Inverse Universe

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



42, 6.001, 14.412



53, 8.821, 14.650



45, 7.567, 158.493



21, 2.555, 14.063



23, 55.115, 34.709



51, 98.517, 37.839

Previews

White Background



This preview shows how the CIELCh color 42, 10.021, 323.104 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, 10.021, 323.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

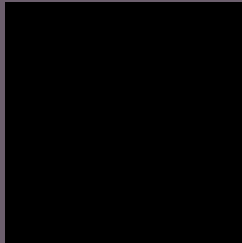
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 10.021, 323.104

Background



This preview shows how black text looks on a background with the CIELCh color 42, 10.021, 323.104.



This preview shows how white text looks on a background with the CIELCh color 42, 10.021, 323.104.

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

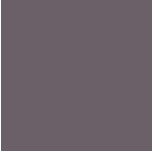
42, 10.021, 323.104

Protanopia

42, 7.869, 288.475

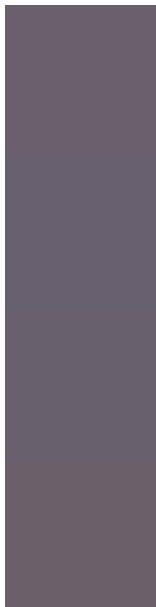
Deuteranopia

42, 8.547, 313.455



Tritanopia
42, 6.663, 333.819

Trichromacy



Original Color
42, 10.021, 323.104

Protanomaly
42, 8.057, 302.749

Deuteranomaly
42, 8.708, 315.948

Tritanomaly
42, 7.576, 327.530

Monochromacy



Original Color
42, 10.021, 323.104

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, 10.021, 323.104 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(108, 95, 109)` looks like.

```
.text, #text, p{  
    color:rgb(108, 95, 109)  
}
```

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(108, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 95, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 10.021, 323.104 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(108, 95, 109) }
```

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

```
.border{ border-color:rgb(108, 95, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 95, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 95, 109);  
box-shadow:4px 4px 4px 4px rgb(108, 95,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 10.021, 323.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 95, 109) }
```

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

```
.background{ background-color: rgb(108, 95,  
109) }
```

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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