

Converting Colors

CIELCh(42, 13.336, 293.786)

Have a look what the booklet for
CIELCh(42, 13.336, 293.786)
contains.

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Color

CIELCh(42, 13.332, 293.762)

Conversions

Conversions Part 1

Format	Color
Hex	626177
RGB	98, 97, 119
RGB Percent	38%, 38%, 47%
CMY	0.6154, 0.6193, 0.5330
CMYK	0.18, 0.18, 0.00, 0.53
HSL	243°, 10%, 42%
HSV	243°, 18%, 47%
XYZ	12.6633, 12.5000, 19.2251
YIQ	99.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

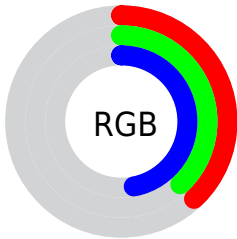
Format	Color
R_{YB}	98, 97, 119
Decimal	6447479
CIE _{Lab}	42.00, 5.37, -12.20
CIE _{LCh}	42, 13.332, 293.762
Yxy	12.5000, 0.2853, 0.2816
Android (android.graphics.Color)	4284637559 (0xFF626177)
YUV	99.8070, 9.4621, -1.5847
Hunter-Lab	35.3553, 2.0621, -7.4913

Details

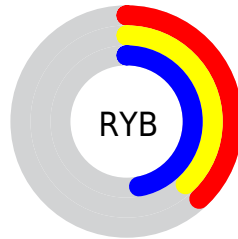
The CIELCh color $42, 13.332, 293.762$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 12.803, 110.391$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 12.932, 293.196$, and $22, 13.451, 293.135$ is the 20% darker color. If you saturate the color by 10%, you get $38, 20.957, 294.961$, and if you desaturate by 10%, it is $46, 6.001, 292.731$.

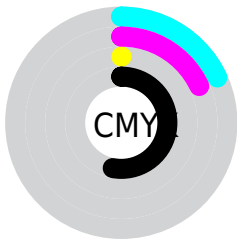
Distribution



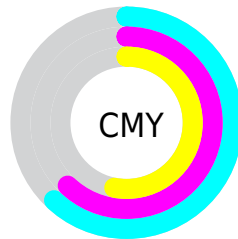
- Red (38%)
- Green (38%)
- Blue (47%)



- Red (38%)
- Yellow (38%)
- Blue (47%)



- Cyan (18%)
- Magenta (18%)
- Yellow (0%)
- Black (53%)





- Cyan (62%)
- Magenta (62%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 13.332, 293.762 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, 13.332, 293.762 by changing the saturation by 10% instead.


 42, 13.332,
293.762


 42, 13.332,
293.762


 100, 13.332,
293.762


 32, 13.332,
293.762

 62, 13.332,
293.762


 22, 13.332,
293.762

 72, 13.332,
293.762

 12, 13.332,
293.762

 82, 13.332,
293.762

 2, 13.332, 293.762

 92, 13.332,
293.762

 0, 13.332, 293.762

 42, 13.332,

 42, 13.332,

293.762

293.762

■ 38, 20.957,
294.961

■ 46, 6.001, 292.731

■ 33, 28.892,
296.352

■ 51, 1.052, 111.810

■ 29, 37.131,
297.939

■ 55, 7.847, 111.078

■ 25, 45.615,
299.705

■ 59, 14.403,
110.427

■ 21, 54.162,
301.582

■ 64, 20.735,
109.866

■ 17, 62.345,
303.420

■ 68, 26.859,
109.380

■ 14, 69.366,
304.981

■ 72, 32.788,
108.959

■ 12, 75.010,
306.286

■ 76, 38.534,
108.592

■ 80, 44.109,

■ 12, 75.935,
306.513

108.272

Harmonies

Complementary

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



42, 13.332, 293.762



49, 12.803, 110.391

Rectangle

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



42, 13.332, 293.762



42, 13.332, 343.762



42, 13.332, 113.762



42, 13.332, 163.762

Sweetspot

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



42, 13.331, 293.760



61, 5.266, 292.515



48, 8.164, 201.602



31, 3.523, 292.560



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42, 13.331, 293.760



52, 19.913, 294.229



43, 14.100, 311.010



22, 3.940, 292.783



12, 77.453, 306.506



32, 131.583, 306.379

Inverse Universe

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



44, 15.394, 326.655



55, 22.827, 326.876



49, 13.790, 129.447



23, 4.613, 326.136



28, 64.861, 330.057



59, 109.755, 330.163

Previews

White Background



This preview shows how the CIELCh color 42, 13.332, 293.762 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, 13.332, 293.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

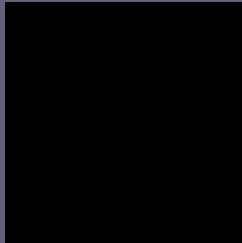
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 13.332, 293.762

Background



This preview shows how black text looks on a background with the CIELCh color 42, 13.332, 293.762.



This preview shows how white text looks on a background with the CIELCh color 42, 13.332, 293.762.

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, 13.332, 293.762

Protanopia

42, 13.353, 285.659

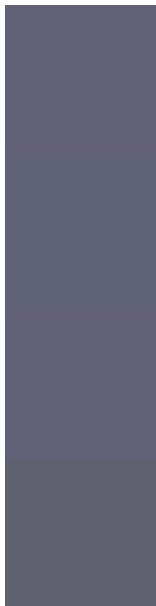
Deuteranopia

42, 13.353, 295.399



Tritanopia
42, 4.960, 276.920

Trichromacy



Original Color
42, 13.332, 293.762

Protanomaly
42, 13.325, 287.254

Deuteranomaly
42, 13.353, 295.399

Tritanomaly
42, 7.869, 288.475

Monochromacy



Original Color
42, 13.332, 293.762

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.835, 290.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 13.332, 293.762 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(98, 97, 119)` looks like.

```
.text, #text, p{  
    color:rgb(98, 97, 119)  
}
```

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(98, 97, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 97, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 13.332, 293.762 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(98, 97, 119) }
```

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

```
.border{ border-color:rgb(98, 97, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 97, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 97, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 97, 119);  
box-shadow:4px 4px 4px 4px rgb(98, 97,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 13.332, 293.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 97, 119) }
```

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

```
.background{ background-color: rgb(98, 97,  
119) }
```

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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