

Converting Colors

CIELCh(42, 19.336, 294.854)

Have a look what the booklet for
CIELCh(42, 19.336, 294.854)
contains.

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Color

CIELCh(42, 19.402, 295.134)

Conversions

Conversions Part 1

Format	Color
Hex	626080
RGB	98, 96, 128
RGB Percent	38%, 38%, 50%
CMY	0.6160, 0.6238, 0.4984
CMYK	0.23, 0.25, 0.00, 0.50
HSL	244°, 14%, 44%
HSV	244°, 25%, 50%
XYZ	13.0949, 12.5000, 22.1159
YIQ	100.2460, -9.0800, 10.3760

Conversions

Conversions Part 2

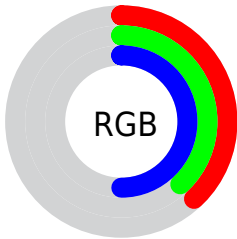
Format	Color
RYB	98, 96, 128
Decimal	6447232
CIELab	42.00, 8.24, -17.56
CIELCh	42, 19.402, 295.134
Yxy	12.5000, 0.2745, 0.2620
Android (android.graphics.Color)	4284637312 (0xFF626080)
YUV	100.2460, 13.6827, -1.9697
Hunter-Lab	35.3553, 4.2410, -12.3390

Details

The CIELCh color $42, 19.402, 295.134$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $53, 18.340, 110.544$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 19.734, 295.376$, and $22, 19.499, 295.476$ is the 20% darker color. If you saturate the color by 10%, you get $37, 27.708, 296.424$, and if you desaturate by 10%, it is $47, 11.418, 294.020$.

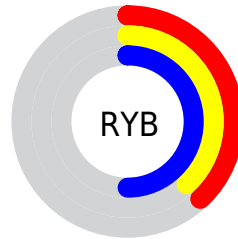
Distribution



Red (38%)

Green (38%)

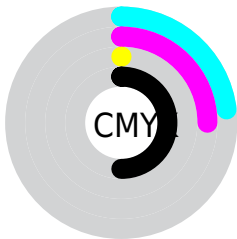
Blue (50%)



Red (38%)

Yellow (38%)

Blue (50%)

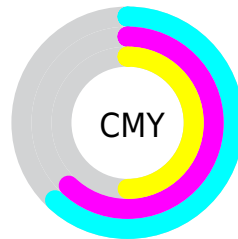


Cyan (23%)

Magenta (25%)

Yellow (0%)

Black (50%)



Cyan (62%)


Magenta (62%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 19.402, 295.134 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, 19.402, 295.134 by changing the saturation by 10% instead.


 42, 19.402,
295.134


 42, 19.402,
295.134


 100, 19.402,
295.134


 32, 19.402,
295.134

 62, 19.402,
295.134


 22, 19.402,
295.134

 72, 19.402,
295.134

 12, 19.402,
295.134


 82, 19.402,
295.134

 2, 19.402, 295.134

 92, 19.402,
295.134

 0, 19.402, 295.134

 42, 19.402,

 42, 19.402,

295.134

■ 37, 27.708,
296.424

■ 33, 36.341,
297.903

■ 28, 45.256,
299.561

■ 24, 54.308,
301.350

■ 20, 63.136,
303.148

■ 17, 71.018,
304.747

■ 14, 77.019,
305.925

■ 13, 79.863,
306.573

295.134

■ 47, 11.418,
294.020

■ 51, 3.743, 293.069

■ 56, 3.643, 112.234

■ 60, 10.762,
111.535

■ 65, 17.631,
110.932

■ 69, 24.267,
110.411

■ 74, 30.686,
109.960

■ 78, 36.902,
109.569

■ 83, 42.927,
109.229

Harmonies

Complementary

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



42, 19.402, 295.134



53, 18.340, 110.544

Rectangle

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



42, 19.402, 295.134



42, 19.402, 345.134



42, 19.402, 115.134



42, 19.402, 165.134

Sweetspot

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



42, 19.401, 295.133



63, 7.426, 293.354



51, 11.288, 203.042



33, 5.331, 293.478



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



42, 19.401, 295.133



51, 29.091, 295.844



43, 20.466, 311.880



24, 4.228, 293.439



13, 79.673, 306.574



0, 0.000, 0.000

Inverse Universe

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



45, 21.860, 327.516



55, 32.368, 327.826



51, 19.877, 129.717



25, 4.889, 326.631



29, 65.925, 330.796



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 42, 19.402, 295.134 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, 19.402, 295.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

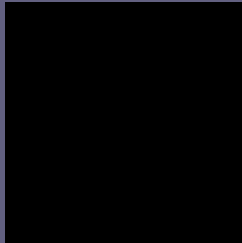
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 19.402, 295.134

Background



This preview shows how black text looks on a background with the CIELCh color 42, 19.402, 295.134.

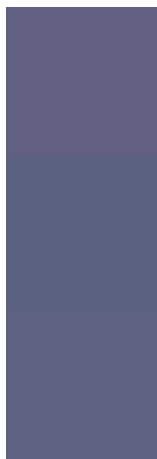


This preview shows how white text looks on a background with the CIELCh color 42, 19.402, 295.134.

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, 19.402, 295.134

Protanopia

42, 18.827, 285.241

Deuteranopia

42, 18.757, 289.573



Tritanopia
42, 5.336, 264.446

Trichromacy



Original Color
42, 19.402, 295.134

Protanomaly
42, 19.358, 289.773

Deuteranomaly
42, 18.747, 290.668

Tritanomaly
42, 9.753, 282.502

Monochromacy



Original Color
42, 19.402, 295.134

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.645, 291.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 19.402, 295.134 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, 96, 128)` looks like.

```
.text, #text, p{  
    color:rgb(98, 96, 128)  
}
```

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, 96, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 96, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 19.402, 295.134 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, 96, 128) }
```

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

```
.border{ border-color:rgb(98, 96, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 96, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 96, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 96, 128);  
box-shadow:4px 4px 4px 4px rgb(98, 96,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 19.402, 295.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 96, 128) }
```

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

```
.background{ background-color: rgb(98, 96,  
128) }
```

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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