

Converting Colors

CIELCh(42, 11.331, 197.991)

Have a look what the booklet for
CIELCh(42, 11.331, 197.991)
contains.

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Color

CIELCh(42, 11.502, 195.018)

Conversions

Conversions Part 1

Format	Color
Hex	4B6968
RGB	75, 105, 104
RGB Percent	29%, 41%, 41%
CMY	0.7073, 0.5897, 0.5936
CMYK	0.29, 0.00, 0.01, 0.59
HSL	178°, 17%, 35%
HSV	178°, 29%, 41%
XYZ	10.3664, 12.5000, 14.8639
YIQ	95.9160, -17.5590, -6.6710

Conversions

Conversions Part 2

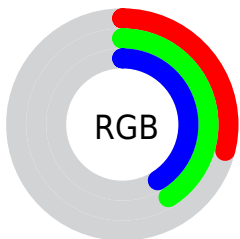
Format	Color
RYB	75, 90, 105
Decimal	4942184
CIELab	42.00, -11.11, -2.98
CIElCh	42, 11.502, 195.018
Yxy	12.5000, 0.2747, 0.3313
Android (android.graphics.Color)	4283132264 (0xFF4B6968)
YUV	95.9160, 3.9854, -18.3433
Hunter-Lab	35.3553, -9.5347, -0.1777

Details

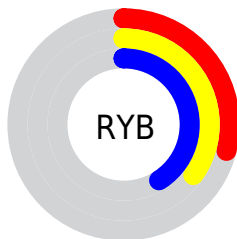
The CIELCh color **42, 11.502, 195.018** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 13.642, 18.987**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 11.331, 195.561**, and **22, 11.523, 194.001** is the 20% darker color. If you saturate the color by 10%, you get **41, 14.970, 194.475**, and if you desaturate by 10%, it is **43, 7.714, 195.585**.

Distribution



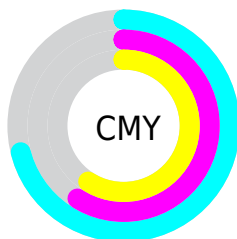
- Red (29%)
- Green (41%)
- Blue (41%)



- Red (29%)
- Yellow (35%)
- Blue (41%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (59%)





- Cyan (71%)
- Magenta (59%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 11.502, 195.018 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, 11.502, 195.018 by changing the saturation by 10% instead.


 42, 11.502,
195.018


 42, 11.502,
195.018


 100, 11.502,
195.018


 32, 11.502,
195.018

 62, 11.502,
195.018


 22, 11.502,
195.018

 72, 11.502,
195.018


 12, 11.502,
195.018


 82, 11.502,
195.018

 2, 11.502, 195.018

 92, 11.502,
195.018

 0, 11.502, 195.018

 42, 11.502,

 42, 11.502,

195.018

■ 41, 14.970,
194.475

■ 41, 18.055,
193.964

■ 40, 20.703,
193.478

■ 40, 22.874,
193.015

■ 40, 24.543,
192.569

■ 40, 25.715,
192.132

■ 40, 26.577,
191.704

■ 40, 26.692,
191.649

195.018

■ 43, 7.714, 195.585

■ 44, 3.668, 196.211

■ 44, 0.577, 16.122

■ 45, 4.968, 17.254

■ 46, 9.458, 17.906

■ 48, 14.008, 18.542

■ 49, 18.586, 19.175

■ 50, 23.167, 19.804

■ 51, 27.732, 20.426

Harmonies

Complementary

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



42, 11.502, 195.018



35, 13.642, 18.987

Rectangle

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



42, 11.502, 195.018



42, 11.502, 245.018



42, 11.502, 15.018



42, 11.502, 65.018

Sweetspot

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



42, 11.502, 195.014



55, 4.695, 196.171



41, 21.904, 141.806



29, 3.280, 196.097



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



42, 11.502, 195.014



53, 16.474, 194.673



38, 10.353, 255.733



22, 2.423, 196.189



44, 28.960, 191.589



88, 49.917, 191.314

Inverse Universe

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



35, 13.642, 18.987



43, 20.375, 19.750



39, 11.318, 68.528



21, 2.547, 17.146



23, 56.078, 36.262



51, 100.082, 39.047

Previews

White Background



This preview shows how the CIE LCh color 42, 11.502, 195.018 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, 11.502, 195.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

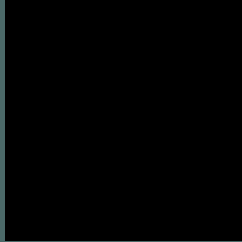
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 11.502, 195.018

Background



This preview shows how black text looks on a background with the CIELCh color 42, 11.502, 195.018.



This preview shows how white text looks on a background with the CIELCh color 42, 11.502, 195.018.

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, 11.502, 195.018

Protanopia

42, 1.479, 324.439

Deuteranopia

42, 6.612, 324.858



Tritanopia
42, 11.191, 227.677

Trichromacy



Original Color
42, 11.502, 195.018

Protanomaly
42, 3.679, 208.537

Deuteranomaly
42, 4.110, 261.541

Tritanomaly
42, 10.825, 214.558

Monochromacy



Original Color
42, 11.502, 195.018

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 4.454, 198.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 11.502, 195.018 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(75, 105, 104)` looks like.

```
.text, #text, p{  
    color:rgb(75, 105, 104)  
}
```

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(75, 105, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 105, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 11.502, 195.018 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(75, 105, 104) }
```

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

```
.border{ border-color:rgb(75, 105, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 105, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 105, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 105, 104);  
box-shadow:4px 4px 4px 4px rgb(75, 105,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 11.502, 195.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 105, 104) }
```

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

```
.background{ background-color: rgb(75, 105,  
104) }
```

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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