

Converting Colors

CIELCh(42, 17.725, 191.424)

Have a look what the booklet for
CIELCh(42, 17.725, 191.424)
contains.

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Color

CIELCh(42, 17.726, 191.402)

Conversions

Conversions Part 1

Format	Color
Hex	3A6B68
RGB	58, 107, 104
RGB Percent	23%, 42%, 41%
CMY	0.7712, 0.5791, 0.5909
CMYK	0.46, 0.00, 0.03, 0.58
HSL	176°, 30%, 32%
HSV	176°, 46%, 42%
XYZ	9.5717, 12.5000, 15.0919
YIQ	92.0070, -28.2410, -11.3210

Conversions

Conversions Part 2

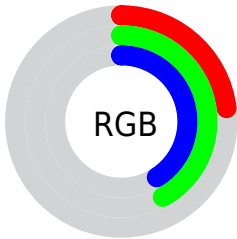
Format	Color
RYB	58, 83, 107
Decimal	3828584
CIELab	42.00, -17.38, -3.50
CIElCh	42, 17.726, 191.402
Yxy	12.5000, 0.2576, 0.3363
Android (android.graphics.Color)	4282018664 (0xFF3A6B68)
YUV	92.0070, 5.9125, -29.8241
Hunter-Lab	35.3553, -13.5466, -0.5601

Details

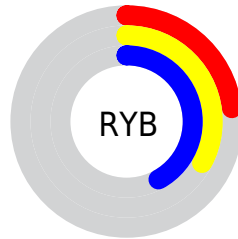
The CIELCh color **42, 17.726, 191.402** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 23.248, 19.284**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 17.817, 190.545**, and **22, 17.579, 191.925** is the 20% darker color. If you saturate the color by 10%, you get **42, 20.641, 190.768**, and if you desaturate by 10%, it is **43, 14.389, 192.035**.

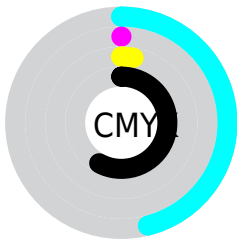
Distribution



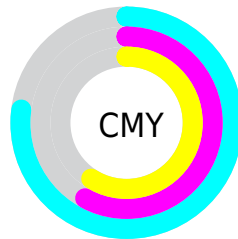
- Red (23%)
- Green (42%)
- Blue (41%)



- Red (23%)
- Yellow (33%)
- Blue (42%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (58%)




- Cyan (77%)
- Magenta (58%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 17.726, 191.402 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, 17.726, 191.402 by changing the saturation by 10% instead.


 42, 17.726,
191.402


 42, 17.726,
191.402


 100, 17.726,
191.402


 32, 17.726,
191.402

 62, 17.726,
191.402


 22, 17.726,
191.402

 72, 17.726,
191.402

 12, 17.726,
191.402


 82, 17.726,
191.402

 2, 17.726, 191.402

 92, 17.726,
191.402

 0, 17.726, 191.402

 42, 17.726,

 42, 17.726,

191.402

191.402

■ 42, 20.641,
190.768

■ 43, 14.389,
192.035

■ 41, 23.084,
190.134

■ 43, 10.691,
192.681

■ 41, 25.023,
189.488

■ 44, 6.696, 193.344

■ 41, 26.450,
188.819

■ 45, 2.468, 194.084

■ 46, 1.933, 14.422

■ 41, 27.448,
188.125

■ 47, 6.456, 15.208

■ 40, 27.862,
187.832

■ 48, 11.054, 15.892

■ 49, 15.693, 16.561

■ 50, 20.342, 17.222

Harmonies

Complementary

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



42, 17.726, 191.402



31, 23.248, 19.284

Rectangle

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



42, 17.726, 191.402



42, 17.726, 241.402



42, 17.726, 11.402



42, 17.726, 61.402

Sweetspot

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



42, 17.726, 191.400



57, 7.481, 193.430



41, 34.915, 139.643



29, 5.185, 193.316



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, 17.726, 191.400



54, 25.295, 190.712



35, 15.978, 255.103



22, 2.435, 193.816



44, 29.695, 187.752



87, 51.276, 187.271

Inverse Universe

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



31, 23.248, 19.284



37, 35.718, 21.448



36, 19.097, 63.164



21, 2.552, 14.877



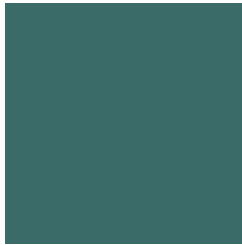
23, 55.366, 35.125



51, 98.979, 38.204

Previews

White Background



This preview shows how the CIELCh color 42, 17.726, 191.402 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, 17.726, 191.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

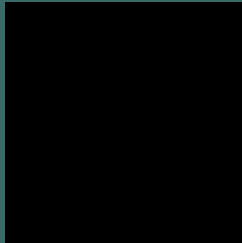
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 17.726, 191.402

Background



This preview shows how black text looks on a background with the CIELCh color 42, 17.726, 191.402.



This preview shows how white text looks on a background with the CIELCh color 42, 17.726, 191.402.

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, 17.726, 191.402

Protanopia

42, 1.038, 343.567

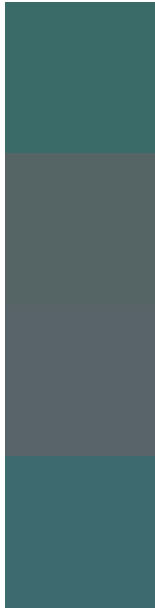
Deuteranopia

42, 7.636, 319.768



Tritanopia
42, 16.119, 215.332

Trichromacy



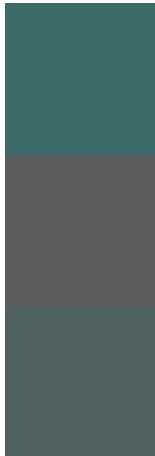
Original Color
42, 17.726, 191.402

Protanomaly
41, 6.377, 198.665

Deuteranomaly
42, 5.878, 237.281

Tritanomaly
42, 16.254, 206.219

Monochromacy



Original Color
42, 17.726, 191.402

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 7.357, 188.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 17.726, 191.402 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(58, 107, 104)` looks like.

```
.text, #text, p{  
    color:rgb(58, 107, 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(58, 107, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 107, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 17.726, 191.402 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(58, 107, 104) }
```

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

```
.border{ border-color:rgb(58, 107, 104) }
```

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

Here you see how a box with a 4 pixel rgb(58, 107, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 107, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 107, 104);  
box-shadow:4px 4px 4px 4px rgb(58, 107,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 17.726, 191.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 107, 104) }
```

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

```
.background{ background-color: rgb(58, 107,  
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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