

Converting Colors

CIELCh(42, 17.333, 211.203)

Have a look what the booklet for
CIELCh(42, 17.333, 211.203)
contains.

CIELCh(42, 17.337, 209.702)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(42, 17.337, 209.702)

Conversions

Conversions Part 1

Format	Color
Hex	396B71
RGB	57, 107, 113
RGB Percent	22%, 42%, 44%
CMY	0.7777, 0.5815, 0.5580
CMYK	0.50, 0.05, 0.00, 0.56
HSL	186°, 33%, 33%
HSV	186°, 50%, 44%
XYZ	9.8606, 12.5000, 17.4278
YIQ	92.7340, -31.7260, -8.7340

Conversions

Conversions Part 2

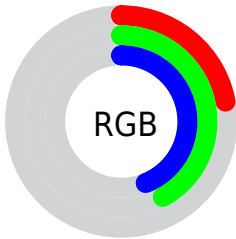
Format	Color
RYB	57, 83, 113
Decimal	3763057
CIELab	42.00, -15.06, -8.59
CIELCh	42, 17.337, 209.702
Yxy	12.5000, 0.2478, 0.3142
Android (android.graphics.Color)	4281953137 (0xFF396B71)
YUV	92.7340, 9.9911, -31.3387
Hunter-Lab	35.3553, -12.0881, -4.4773

Details

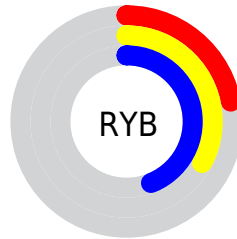
The CIELCh color **42, 17.337, 209.702** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 24.869, 32.013**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 17.570, 209.081**, and **22, 17.013, 210.579** is the 20% darker color. If you saturate the color by 10%, you get **41, 19.709, 210.206**, and if you desaturate by 10%, it is **43, 14.515, 209.379**.

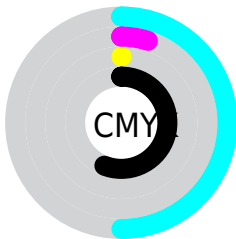
Distribution



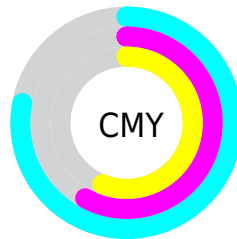
- Red (22%)
- Green (42%)
- Blue (44%)



- Red (22%)
- Yellow (33%)
- Blue (44%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (56%)





- Cyan (78%)
- Magenta (58%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 17.337, 209.702 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, 17.337, 209.702 by changing the saturation by 10% instead.


 42, 17.337,
209.702


 42, 17.337,
209.702


 100, 17.337,
209.702


 32, 17.337,
209.702

 62, 17.337,
209.702


 22, 17.337,
209.702

 72, 17.337,
209.702

 12, 17.337,
209.702

 82, 17.337,
209.702

 2, 17.337, 209.702

 92, 17.337,
209.702

 0, 17.337, 209.702

 42, 17.337,

 42, 17.337,

209.702

■ 41, 19.709,
210.206

■ 40, 21.588,
210.934

■ 40, 22.954,
211.918

■ 39, 23.811,
213.196

■ 39, 24.379,
214.646

■ 39, 24.396,
214.689

209.702

■ 43, 14.515,
209.379

■ 44, 11.298,
209.215

■ 45, 7.746, 209.183

■ 46, 3.919, 209.284

■ 48, 0.127, 26.445

■ 49, 4.341, 29.440

■ 50, 8.681, 29.729

■ 52, 13.109, 30.027

■ 53, 17.596, 30.343

Harmonies

Complementary

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



42, 17.337, 209.702



32, 24.869, 32.013

Rectangle

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



42, 17.337, 209.702



42, 17.337, 259.702



42, 17.337, 29.702



42, 17.337, 79.702

Sweetspot

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



42, 17.337, 209.700



58, 7.360, 209.208



43, 37.537, 143.344



30, 5.037, 209.196



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



42, 17.337, 209.700



52, 24.136, 210.322



33, 22.030, 274.107



23, 2.269, 209.298



41, 25.479, 214.827



81, 43.337, 216.025

Inverse Universe

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



33, 37.194, 330.250



39, 53.713, 330.886



40, 23.219, 79.111



22, 4.258, 327.954



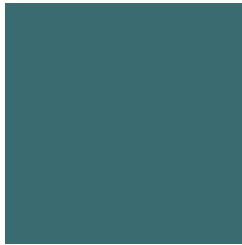
27, 60.985, 332.817



57, 103.676, 333.111

Previews

White Background



This preview shows how the CIELCh color 42, 17.337, 209.702 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, 17.337, 209.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

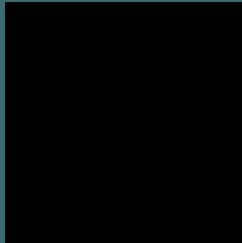
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 17.337, 209.702

Background



This preview shows how black text looks on a background with the CIELCh color 42, 17.337, 209.702.



This preview shows how white text looks on a background with the CIELCh color 42, 17.337, 209.702.

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, 17.337, 209.702

Protanopia

42, 5.448, 290.991

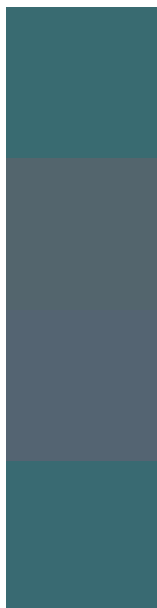
Deuteranopia

42, 11.652, 299.547



Tritanopia
42, 17.228, 216.215

Trichromacy



Original Color
42, 17.337, 209.702

Protanomaly
42, 8.296, 234.634

Deuteranomaly
42, 10.220, 255.374

Tritanomaly
42, 17.155, 214.134

Monochromacy



Original Color
42, 17.337, 209.702

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 7.260, 213.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 17.337, 209.702 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(57, 107, 113)` looks like.

```
.text, #text, p{  
    color:rgb(57, 107, 113)  
}
```

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(57, 107, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 107, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 17.337, 209.702 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(57, 107, 113) }
```

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

```
.border{ border-color:rgb(57, 107, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 107, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 107, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 107, 113);  
box-shadow:4px 4px 4px 4px rgb(57, 107,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 17.337, 209.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 107, 113) }
```

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

```
.background{ background-color: rgb(57, 107,  
113) }
```

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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