

Converting Colors

CIELCh(42, 2.785, 200.701)

Have a look what the booklet for
CIELCh(42, 2.785, 200.701) contains.

CIELCh(42, 2.507, 213.208)	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, 2.507, 213.208)

Conversions

Conversions Part 1

Format	Color
Hex	5E6465
RGB	94, 100, 101
RGB Percent	37%, 39%, 40%
CMY	0.6304, 0.6068, 0.6029
CMYK	0.07, 0.01, 0.00, 0.60
HSL	189°, 4%, 38%
HSV	189°, 7%, 40%
XYZ	11.5843, 12.5000, 14.1787
YIQ	98.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

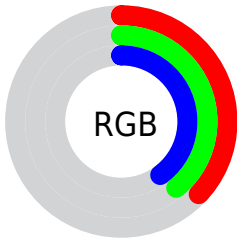
Format	Color
R_{YB}	94, 97, 101
Decimal	6186085
CIE _{Lab}	42.00, -2.10, -1.37
CIE _{LCh}	42, 2.507, 213.208
Yxy	12.5000, 0.3028, 0.3267
Android (android.graphics.Color)	4284376165 (0xFF5E6465)
YUV	98.3200, 1.3212, -3.7886
Hunter-Lab	35.3553, -3.3856, 0.9714

Details

The CIELCh color **42, 2.507, 213.208** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 2.612, 32.961**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 2.708, 211.299**, and **22, 2.331, 215.897** is the 20% darker color. If you saturate the color by 10%, you get **41, 5.979, 213.184**, and if you desaturate by 10%, it is **43, 1.141, 32.762**.

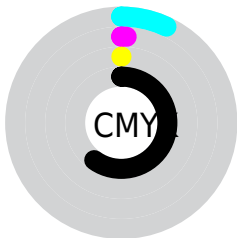
Distribution



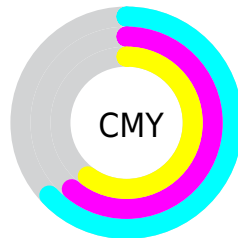
- Red (37%)
- Green (39%)
- Blue (40%)



- Red (37%)
- Yellow (38%)
- Blue (40%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (60%)





















- Cyan (63%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 2.507, 213.208 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, 2.507, 213.208 by changing the saturation by 10% instead.

 42, 2.507, 213.208	 42, 2.507, 213.208
 100, 2.507, 213.208	 32, 2.507, 213.208
 62, 2.507, 213.208	 22, 2.507, 213.208
 72, 2.507, 213.208	 12, 2.507, 213.208
 82, 2.507, 213.208	 2, 2.507, 213.208
 92, 2.507, 213.208	 0, 2.507, 213.208

 42, 2.507, 213.208	 42, 2.507, 213.208
 41, 5.979, 213.184	 43, 1.141, 32.762
 40, 9.226, 213.358	 45, 4.927, 33.070

■ 39, 12.199,
213.687

■ 46, 8.815, 33.235

■ 38, 14.847,
214.196

■ 47, 12.775, 33.424

■ 49, 16.785, 33.638

■ 37, 17.119,
214.923

■ 50, 20.824, 33.872

■ 36, 18.975,
215.911

■ 52, 24.877, 34.119

■ 54, 28.932, 34.376

■ 35, 20.389,
217.211

■ 55, 32.980, 34.637

■ 34, 21.358,
218.874

■ 34, 22.012,
220.815

Harmonies

Complementary

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



42, 2.507, 213.208



41, 2.612, 32.961

Rectangle

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



42, 2.507, 213.208



42, 2.507, 263.208



42, 2.507, 33.208



42, 2.507, 83.208

Sweetspot

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



42, 2.507, 213.181



55, 0.915, 213.488



42, 4.705, 147.950



28, 0.517, 213.531



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



42, 2.507, 213.181



54, 3.609, 213.165



41, 2.872, 269.260



21, 2.038, 213.160



38, 24.258, 221.813



77, 41.969, 223.592

Inverse Universe

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



41, 4.687, 328.948



52, 6.773, 329.028



42, 2.874, 87.503



20, 3.833, 329.069



25, 57.595, 334.545



56, 99.241, 334.993

Previews

White Background



This preview shows how the CIELCh color 42, 2.507, 213.208 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, 2.507, 213.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

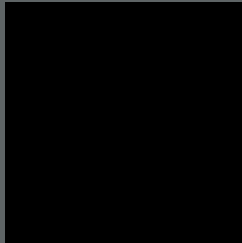
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

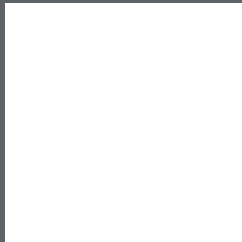
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 2.507, 213.208

Background



This preview shows how black text looks on a background with the CIELCh color 42, 2.507, 213.208.



This preview shows how white text looks on a background with the CIELCh color 42, 2.507, 213.208.

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, 2.507, 213.208

Protanopia

42, 1.479, 324.439

Deuteranopia

42, 5.860, 342.014



Tritanopia
42, 5.062, 272.546

Trichromacy



Original Color

42, 2.507, 213.208

Protanomaly

42, 0.730, 255.949

Deuteranomaly

42, 2.947, 324.589

Tritanomaly

42, 3.940, 266.655

Monochromacy



Original Color

42, 2.507, 213.208

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 1.016, 236.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 2.507, 213.208 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(94, 100, 101)` looks like.

```
.text, #text, p{  
    color:rgb(94, 100, 101)  
}
```

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(94, 100, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 100, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 2.507, 213.208 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(94, 100, 101) }
```

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

```
.border{ border-color:rgb(94, 100, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 100, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 100, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 100, 101);  
box-shadow:4px 4px 4px 4px rgb(94, 100,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 2.507, 213.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 100, 101) }
```

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

```
.background{ background-color: rgb(94, 100,  
101) }
```

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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