

Converting Colors

CIELCh(42, 5.673, 144.277)

Have a look what the booklet for
CIELCh(42, 5.673, 144.277) contains.

CIELCh(42, 5.415, 147.623)	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, 5.415, 147.623)

Conversions

Conversions Part 1

Format	Color
Hex	5D655E
RGB	93, 101, 94
RGB Percent	36%, 40%, 37%
CMY	0.6345, 0.6031, 0.6305
CMYK	0.08, 0.00, 0.07, 0.60
HSL	127°, 4%, 38%
HSV	127°, 8%, 40%
XYZ	11.2407, 12.5000, 12.4604
YIQ	97.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

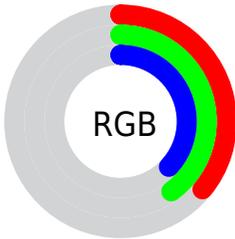
Format	Color
R_{YB}	93, 100, 101
Decimal	6120798
CIE Lab	42.00, -4.57, 2.90
CIE LCh	42, 5.415, 147.623
Yxy	12.5000, 0.3105, 0.3453
Android (android.graphics.Color)	4284310878 (0xFF5D655E)
YUV	97.8100, -1.8783, -4.2184
Hunter-Lab	35.3553, -5.1203, 3.8530

Details

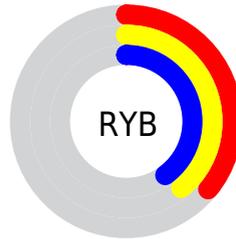
The CIELCh color **42, 5.415, 147.623** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 5.430, 328.442**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 5.708, 147.307**, and **22, 5.209, 147.938** is the 20% darker color. If you saturate the color by 10%, you get **41, 12.329, 146.953**, and if you desaturate by 10%, it is **43, 1.428, 328.030**.

Distribution



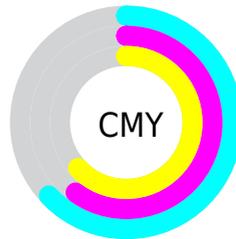
- Red (36%)
- Green (40%)
- Blue (37%)



- Red (36%)
- Yellow (39%)
- Blue (40%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 5.415, 147.623 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, 5.415, 147.623 by changing the saturation by 10% instead.

■ 42, 5.415, 147.623

■ 42, 5.415, 147.623

■ 100, 5.415,
147.623

■ 32, 5.415, 147.623

■ 62, 5.415, 147.623

■ 22, 5.415, 147.623

■ 72, 5.415, 147.623

■ 12, 5.415, 147.623

■ 82, 5.415, 147.623

■ 2, 5.415, 147.623

■ 92, 5.415, 147.623

■ 0, 5.415, 147.623

■ 42, 5.415, 147.623

■ 42, 5.415, 147.623

■ 41, 12.329,
146.953

■ 43, 1.428, 328.030

■ 40, 19.239,

■ 44, 8.149, 328.619

146.195

46, 14.712,
329.052

39, 26.051,
145.323

47, 21.094,
329.425

39, 32.650,
144.328

48, 27.282,
329.751

38, 38.896,
143.204

50, 33.271,
330.037

38, 44.636,
141.965

51, 39.062,
330.291

37, 49.704,
140.643

53, 44.660,
330.516

37, 53.934,
139.303

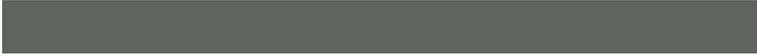
55, 50.072,
330.718

37, 57.296,
138.186

Harmonies

Complementary

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



42, 5.415, 147.623



41, 5.430, 328.442

Rectangle

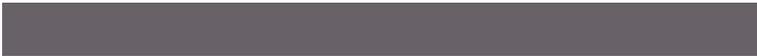
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42, 5.415, 147.623



42, 5.415, 197.623



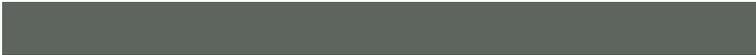
42, 5.415, 327.623



42, 5.415, 17.623

Sweetspot

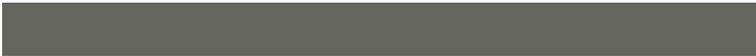
The Sweet Spot groups the original color and five complimentary colors.



42, 5.416, 147.622



55, 1.698, 148.055



43, 4.822, 114.178



28, 0.957, 148.077



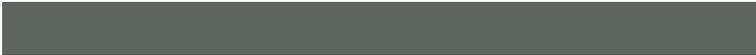
78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



42, 5.416, 147.622



54, 7.702, 147.535



42, 3.802, 169.861



21, 3.872, 147.557



42, 63.619, 137.810



84, 112.404, 137.034

Inverse Universe

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



41, 5.430, 328.442



52, 7.720, 328.522



40, 3.865, 351.053



20, 3.881, 328.503



25, 58.357, 333.658



56, 100.631, 334.035

Previews

White Background



This preview shows how the CIELCh color 42, 5.415, 147.623 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, 5.415, 147.623 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

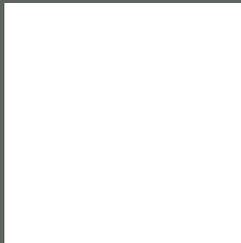
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 5.415, 147.623

Background



This preview shows how black text looks on a background with the CIELCh color 42, 5.415, 147.623.



This preview shows how white text looks on a background with the CIELCh color 42, 5.415, 147.623.

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, 5.415, 147.623

Protanopia

42, 3.821, 90.065

Deuteranopia

42, 6.032, 25.831



Tritanopia
42, 5.062, 272.546

Trichromacy



Original Color
42, 5.415, 147.623

Protanomaly
42, 4.234, 115.292

Deuteranomaly
42, 3.115, 54.960

Tritanomaly
42, 2.698, 225.908

Monochromacy



Original Color
42, 5.415, 147.623

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 1.744, 155.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 5.415, 147.623 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(93, 101, 94)` looks like.

```
.text, #text, p{  
    color:rgb(93, 101, 94)  
}
```

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(93, 101, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 101, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 5.415, 147.623 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(93, 101, 94) }
```

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

```
.border{ border-color:rgb(93, 101, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 101, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 101, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 101, 94);  
box-shadow:4px 4px 4px 4px rgb(93, 101,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 5.415, 147.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 101, 94) }
```

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

```
.background{ background-color: rgb(93, 101,  
94) }
```

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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