

Converting Colors

CIELCh(42, 7.051, 128.709)

Have a look what the booklet for
CIELCh(42, 7.051, 128.709) contains.

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Color

CIELCh(42, 7.112, 130.213)

Conversions

Conversions Part 1

Format	Color
Hex	5F655A
RGB	95, 101, 90
RGB Percent	37%, 40%, 35%
CMY	0.6271, 0.6036, 0.6467
CMYK	0.06, 0.00, 0.11, 0.60
HSL	93°, 6%, 37%
HSV	93°, 11%, 40%
XYZ	11.2382, 12.5000, 11.5111
YIQ	97.9520, -0.0450, -4.6930

Conversions

Conversions Part 2

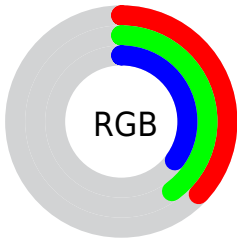
Format	Color
RYB	90, 101, 96
Decimal	6251866
CIELab	42.00, -4.59, 5.43
CIElCh	42, 7.112, 130.213
Yxy	12.5000, 0.3188, 0.3546
Android (android.graphics.Color)	4284441946 (0xFF5F655A)
YUV	97.9520, -3.9203, -2.5889
Hunter-Lab	35.3553, -5.1332, 5.4450

Details

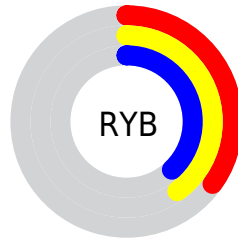
The CIELCh color $42, 7.112, 130.213$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 7.207, 311.072$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 7.271, 131.618$, and $22, 7.109, 128.369$ is the 20% darker color. If you saturate the color by 10%, you get $41, 13.666, 129.779$, and if you desaturate by 10%, it is $43, 0.572, 130.750$.

Distribution



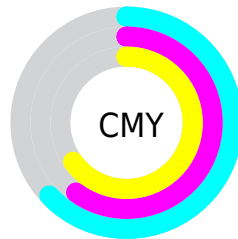
- Red (37%)
- Green (40%)
- Blue (35%)



- Red (35%)
- Yellow (40%)
- Blue (38%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (60%)



- Cyan (63%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 7.112, 130.213 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, 7.112, 130.213 by changing the saturation by 10% instead.

■ 42, 7.112, 130.213

■ 42, 7.112, 130.213

■ 100, 7.112,
130.213

■ 32, 7.112, 130.213

■ 62, 7.112, 130.213

■ 22, 7.112, 130.213

■ 72, 7.112, 130.213

■ 12, 7.112, 130.213

■ 82, 7.112, 130.213

■ 2, 7.112, 130.213

■ 92, 7.112, 130.213

■ 0, 7.112, 130.213

■ 42, 7.112, 130.213

■ 42, 7.112, 130.213

■ 41, 13.666,
129.779

■ 43, 0.572, 130.750

■ 41, 20.182,

■ 44, 5.924, 310.967

129.325

44, 12.351,
311.311

40, 26.598,
128.871

45, 18.691,
311.618

40, 32.821,
128.444

46, 24.932,
311.892

39, 38.725,
128.088

47, 31.066,
312.136

39, 44.131,
127.873

48, 37.087,
312.352

38, 48.814,
127.892

49, 42.993,
312.544

38, 52.528,
128.250

50, 48.784,
312.713

38, 55.589,
128.545

Harmonies

Complementary

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



42, 7.112, 130.213



39, 7.207, 311.072

Rectangle

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



42, 7.112, 130.213



42, 7.112, 180.213



42, 7.112, 310.213



42, 7.112, 0.213

Sweetspot

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



42, 7.113, 130.216



55, 2.440, 130.563



41, 4.171, 77.621



28, 1.836, 130.529



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, 7.113, 130.216



54, 10.623, 130.108



42, 7.954, 144.753



21, 3.694, 130.300



43, 60.955, 128.785



85, 106.757, 129.741

Inverse Universe

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



39, 7.207, 311.072



50, 10.790, 311.181



40, 7.967, 325.888



19, 3.736, 310.988



17, 68.264, 313.458



40, 119.057, 312.791

Previews

White Background



This preview shows how the CIELCh color 42, 7.112, 130.213 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, 7.112, 130.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

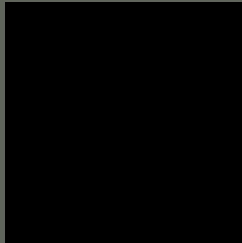
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 7.112, 130.213

Background



This preview shows how black text looks on a background with the CIELCh color 42, 7.112, 130.213.



This preview shows how white text looks on a background with the CIELCh color 42, 7.112, 130.213.

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, 7.112, 130.213

Protanopia

42, 6.253, 93.179

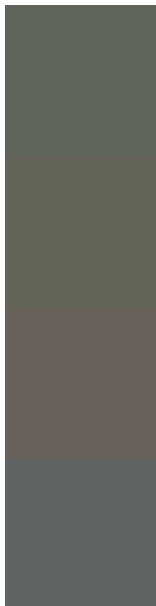
Deuteranopia

42, 7.205, 44.695



Tritanopia
42, 4.845, 286.148

Trichromacy



Original Color
42, 7.112, 130.213

Protanomaly
42, 6.609, 109.185

Deuteranomaly
42, 5.180, 73.846

Tritanomaly
42, 1.363, 225.827

Monochromacy



Original Color
42, 7.112, 130.213

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 2.560, 128.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 7.112, 130.213 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(95, 101, 90)` looks like.

```
.text, #text, p{  
    color:rgb(95, 101, 90)  
}
```

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(95, 101, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 101, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 7.112, 130.213 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(95, 101, 90) }
```

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

```
.border{ border-color:rgb(95, 101, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 101, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 101, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 101, 90);  
box-shadow:4px 4px 4px 4px rgb(95, 101,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 7.112, 130.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 101, 90) }
```

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

```
.background{ background-color: rgb(95, 101,  
90) }
```

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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