

Converting Colors

CIELCh(42, 6.364, 144.244)

Have a look what the booklet for
CIELCh(42, 6.364, 144.244) contains.

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Color

CIELCh(42, 5.905, 144.039)

Conversions

Conversions Part 1	
Format	Color
Hex	5D655D
RGB	93, 101, 93
RGB Percent	36%, 40%, 36%
CMY	0.6342, 0.6028, 0.6342
CMYK	0.08, 0.00, 0.08, 0.60
HSL	120°, 4%, 38%
HSV	120°, 8%, 40%
XYZ	11.2124, 12.5000, 12.2430
YIQ	97.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

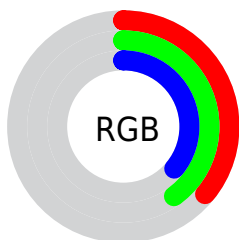
Format	Color
RYB	93, 101, 101
Decimal	6120797
CIELab	42.00, -4.78, 3.47
CIELCh	42, 5.905, 144.039
Yxy	12.5000, 0.3118, 0.3477
Android (android.graphics.Color)	4284310877 (0xFF5D655D)
YUV	97.6960, -2.3151, -4.1184
Hunter-Lab	35.3553, -5.2634, 4.2175

Details

The CIELCh color $42, 5.905, 144.039$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $41, 5.917, 324.819$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 6.164, 144.146$, and $22, 5.754, 143.806$ is the 20% darker color. If you saturate the color by 10%, you get $41, 13.451, 143.402$, and if you desaturate by 10%, it is $43, 1.560, 324.444$.

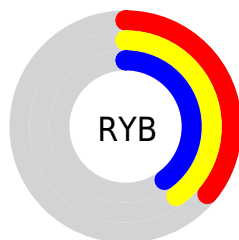
Distribution



Red (36%)

Green (40%)

Blue (36%)



Red (36%)

Yellow (40%)

Blue (40%)

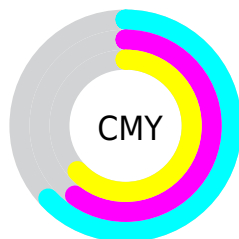


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (60%)



Cyan (63%)




Magenta (60%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 5.905, 144.039 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, 5.905, 144.039 by changing the saturation by 10% instead.

 42, 5.905, 144.039	 42, 5.905, 144.039
 100, 5.905, 144.039	 32, 5.905, 144.039
 62, 5.905, 144.039	 22, 5.905, 144.039
 72, 5.905, 144.039	 12, 5.905, 144.039
 82, 5.905, 144.039	 2, 5.905, 144.039
 92, 5.905, 144.039	 0, 5.905, 144.039

 42, 5.905, 144.039	 42, 5.905, 144.039
 41, 13.451, 143.402	 43, 1.560, 324.444
 40, 20.987,	 44, 8.888, 324.982

142.675

46, 16.037,
325.378

39, 28.401,
141.843

47, 22.983,
325.713

38, 35.544,
140.905

49, 29.713,
325.998

38, 42.231,
139.880

50, 36.223,
326.244

37, 48.238,
138.813

52, 42.515,
326.455

37, 53.309,
137.786

53, 48.596,
326.638

37, 57.178,
136.914

55, 54.475,
326.796

37, 60.166,
136.183

Harmonies

Complementary

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



42, 5.905, 144.039



41, 5.917, 324.819

Rectangle

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



42, 5.905, 144.039



42, 5.905, 194.039



42, 5.905, 324.039



42, 5.905, 14.039

Sweetspot

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



42, 5.906, 144.039



55, 1.852, 144.437



43, 4.722, 108.783



28, 1.044, 144.456



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, 5.906, 144.039



54, 8.399, 143.956



42, 4.170, 162.218



21, 4.222, 143.977



42, 66.437, 136.016



84, 115.215, 136.016

Inverse Universe

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



41, 5.917, 324.819



52, 8.413, 324.893



40, 4.212, 343.310



20, 4.229, 324.875



26, 64.101, 328.231



57, 111.164, 328.231

Previews

White Background



This preview shows how the CIE LCh color 42, 5.905, 144.039 looks on a white background.

Color Contrast Check

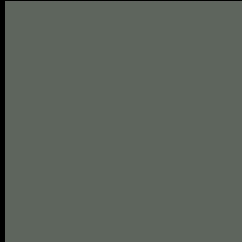
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.905, 144.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

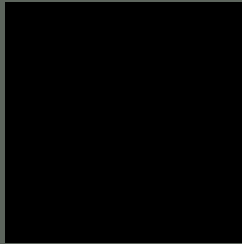
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

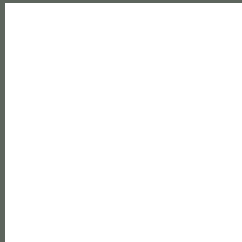
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 5.905, 144.039

Background



This preview shows how black text looks on a background with the CIELCh color 42, 5.905, 144.039.



This preview shows how white text looks on a background with the CIELCh color 42, 5.905, 144.039.

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, 5.905, 144.039

Protanopia

42, 4.395, 92.551

Deuteranopia

42, 6.145, 31.368



Tritanopia

42, 5.062, 272.546

Trichromacy



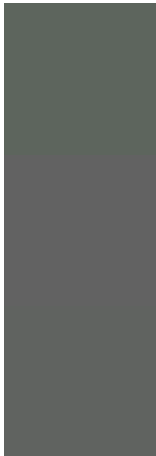
Original Color
42, 5.905, 144.039

Protanomaly
42, 4.832, 114.507

Deuteranomaly
42, 3.504, 62.901

Tritanomaly
42, 2.698, 225.908

Monochromacy



Original Color
42, 5.905, 144.039

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 2.211, 144.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 5.905, 144.039 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, 93)` looks like.

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

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, 93) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 42, 5.905, 144.039 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, 93) }
```

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

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

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, 93)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 42, 5.905, 144.039 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, 93) }
```

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

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

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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