

Converting Colors

CIELCh(42, 6.409, 35.625)

Have a look what the booklet for
CIELCh(42, 6.409, 35.625) contains.

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Color

CIELCh(42, 6.313, 36.654)

Conversions

Conversions Part 1

Format	Color
Hex	6E605D
RGB	110, 96, 93
RGB Percent	43%, 38%, 36%
CMY	0.5682, 0.6231, 0.6349
CMYK	0.00, 0.13, 0.15, 0.57
HSL	11°, 8%, 40%
HSV	11°, 15%, 43%
XYZ	12.6177, 12.5000, 12.1288
YIQ	99.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

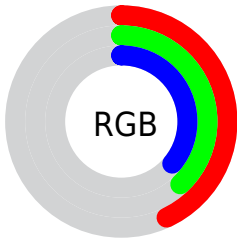
Format	Color
R _Y B	110, 97, 93
Decimal	7233629
CIE Lab	42.00, 5.06, 3.77
CIE LCh	42, 6.313, 36.654
Yxy	12.5000, 0.3388, 0.3356
Android (android.graphics.Color)	4285423709 (0xFF6E605D)
YUV	99.8440, -3.3741, 8.9068
Hunter-Lab	35.3553, 1.8315, 4.4090

Details

The CIELCh color $42, 6.313, 36.654$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 5.740, 217.162$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 6.576, 34.665$, and $22, 6.219, 39.164$ is the 20% darker color. If you saturate the color by 10%, you get $39, 10.820, 36.775$, and if you desaturate by 10%, it is $45, 2.139, 36.585$.

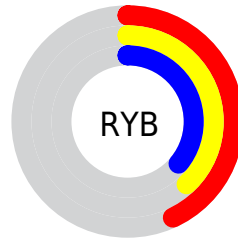
Distribution



Red (43%)

Green (38%)

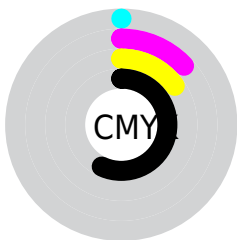
Blue (36%)



Red (43%)

Yellow (38%)

Blue (36%)

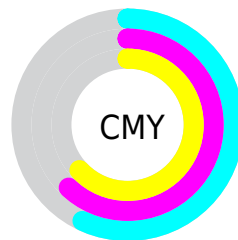


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (57%)



Cyan (57%)













Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 6.313, 36.654 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, 6.313, 36.654 by changing the saturation by 10% instead.

 42, 6.313, 36.654	 42, 6.313, 36.654
 100, 6.313, 36.654	 32, 6.313, 36.654
 62, 6.313, 36.654	 22, 6.313, 36.654
 72, 6.313, 36.654	 12, 6.313, 36.654
 82, 6.313, 36.654	 2, 6.313, 36.654
 92, 6.313, 36.654	 0, 6.313, 36.654

 42, 6.313, 36.654	 42, 6.313, 36.654
 39, 10.820, 36.775	 45, 2.139, 36.585
 36, 15.683, 37.012	 48, 1.728, 217.067
 34, 20.908, 37.422	 51, 5.317, 217.104

■ 31, 26.483, 38.046

■ 54, 8.660, 217.300

■ 29, 32.355, 38.907

■ 57, 11.783,
217.544

■ 27, 38.410, 39.995

■ 60, 14.714,
217.816

■ 25, 44.405, 41.197

■ 24, 49.333, 41.572

■ 63, 17.474,
218.106

■ 23, 51.313, 41.814

■ 66, 20.085,
218.405

■ 69, 22.564,
218.711

Harmonies

Complementary

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



42, 6.313, 36.654



44, 5.740, 217.162

Rectangle

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



42, 6.313, 36.654



42, 6.313, 86.654



42, 6.313, 216.654



42, 6.313, 266.654

Sweetspot

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



42, 6.312, 36.667



58, 2.430, 36.577



42, 11.080, 330.263



29, 1.649, 36.590



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



42, 6.312, 36.667



53, 9.768, 36.699



44, 7.175, 89.278



22, 2.277, 36.631



25, 55.312, 42.289



54, 98.431, 42.436

Inverse Universe

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



44, 5.740, 217.162



56, 8.642, 217.278



42, 7.157, 273.131



23, 2.158, 217.044



38, 24.920, 229.028



76, 42.625, 231.151

Previews

White Background



This preview shows how the CIELCh color 42, 6.313, 36.654 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, 6.313, 36.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

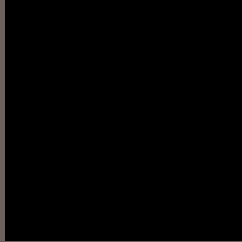
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 6.313, 36.654

Background



This preview shows how black text looks on a background with the CIELCh color 42, 6.313, 36.654.



This preview shows how white text looks on a background with the CIELCh color 42, 6.313, 36.654.

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, 6.313, 36.654

Protanopia

42, 2.711, 81.860

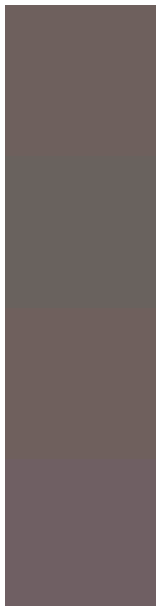
Deuteranopia

42, 6.738, 35.632



Tritanopia
42, 7.927, 348.361

Trichromacy



Original Color

42, 6.313, 36.654

Protanomaly

42, 3.830, 58.490

Deuteranomaly

42, 6.738, 35.632

Tritanomaly

42, 7.188, 0.814

Monochromacy



Original Color

42, 6.313, 36.654

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 2.419, 49.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 6.313, 36.654 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(110, 96, 93)` looks like.

```
.text, #text, p{  
    color:rgb(110, 96, 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(110, 96, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 96, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 6.313, 36.654 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(110, 96, 93) }
```

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

```
.border{ border-color:rgb(110, 96, 93) }
```

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

Here you see how a box with a 4 pixel rgb(110, 96, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 96, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 96, 93);  
box-shadow:4px 4px 4px 4px rgb(110, 96,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 6.313, 36.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 96, 93) }
```

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

```
.background{ background-color: rgb(110, 96,  
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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