

Converting Colors

CIELCh(35, 14.157, 319.654)

Have a look what the booklet for
CIELCh(35, 14.157, 319.654)
contains.

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Color

CIELCh(35, 14.156, 319.656)

Conversions

Conversions Part 1

Format	Color
Hex	5D4D61
RGB	93, 77, 97
RGB Percent	36%, 30%, 38%
CMY	0.6353, 0.6980, 0.6196
CMYK	0.04, 0.21, 0.00, 0.62
HSL	288°, 11%, 34%
HSV	288°, 21%, 38%
XYZ	9.3261, 8.4984, 12.4585
YIQ	84.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

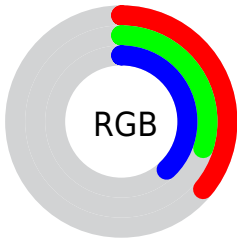
Format	Color
RYB	93, 77, 97
Decimal	6114657
CIELab	35.00, 10.79, -9.16
CIELCh	35, 14.156, 319.656
Yxy	8.4984, 0.3080, 0.2806
Android (android.graphics.Color)	4284304737 (0xFF5D4D61)
YUV	84.0640, 6.3774, 7.8369
Hunter-Lab	29.1520, 6.0887, -4.9319

Details

The CIELCh color $[35, 14.156, 319.656]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[39, 14.025, 137.871]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[55, 14.285, 318.607]$, and $[15, 14.171, 319.432]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 21.110, 320.073]$, and if you desaturate by 10%, it is $[38, 7.237, 319.230]$.

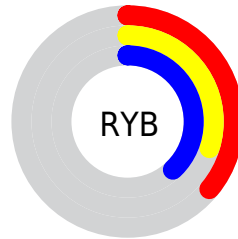
Distribution



 Red (36%)

 Green (30%)

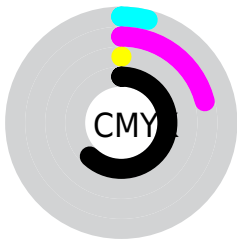
 Blue (38%)



 Red (36%)

 Yellow (30%)

 Blue (38%)

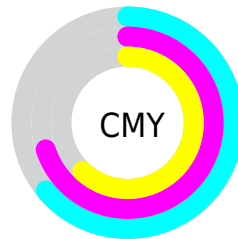


 Cyan (4%)

 Magenta (21%)

 Yellow (0%)

 Black (62%)



 Cyan (64%)


 Magenta (70%)


 Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 14.156, 319.656 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 35, 14.156, 319.656 by changing the saturation by 10% instead.


 35, 14.156,
319.656


 35, 14.156,
319.656

 100, 14.156,
319.656


 25, 14.156,
319.656

 55, 14.156,
319.656


 15, 14.156,
319.656


 65, 14.156,
319.656

 5, 14.156, 319.656

 75, 14.156,
319.656

 0, 14.156, 319.656

 85, 14.156,
319.656

 95, 14.156,
319.656

■ 35, 14.156,
319.656

■ 35, 14.156,
319.656

■ 32, 21.110,
320.073

■ 38, 7.237, 319.230

■ 29, 28.005,
320.470

■ 41, 0.421, 318.544

■ 44, 6.255, 138.463

■ 27, 34.697,
320.827

■ 47, 12.767,
138.079

■ 24, 40.991,
321.118

■ 50, 19.106,
137.724

■ 22, 46.639,
321.311

■ 53, 25.270,
137.396

■ 20, 51.363,
321.368


■ 56, 31.259,
137.093

■ 19, 54.911,
321.254

■ 59, 37.079,
136.815

■ 18, 57.915,

321.128

 62, 42.737,
136.560

Harmonies

Complementary

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



35, 14.156, 319.656



39, 14.025, 137.871

Rectangle

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



35, 14.156, 319.656



35, 14.156, 9.656



35, 14.156, 139.656



35, 14.156, 189.656

Sweetspot

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



35, 14.155, 319.656



50, 5.020, 319.034



35, 9.896, 281.904



25, 3.357, 319.052



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



35, 14.155, 319.656



43, 21.195, 319.870



35, 12.300, 334.929



18, 3.815, 319.155



21, 64.205, 321.012



49, 112.434, 320.589

Inverse Universe

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



35, 9.162, 5.166



43, 13.840, 5.761



39, 12.213, 152.212



18, 2.421, 3.939



22, 49.614, 26.718



50, 89.449, 30.423

Previews

White Background



This preview shows how the CIELCh color 35, 14.156, 319.656 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 35, 14.156, 319.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

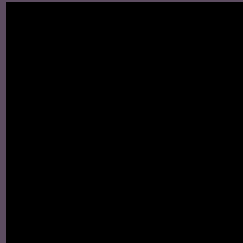
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 14.156, 319.656

Background



This preview shows how black text looks on a background with the CIELCh color 35, 14.156, 319.656.



This preview shows how white text looks on a background with the CIELCh color 35, 14.156, 319.656.

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


35, 14.156, 319.656

Protanopia

35, 11.298, 284.132

Deuteranopia

35, 10.165, 300.960



Tritanopia
35, 6.396, 344.647

Trichromacy



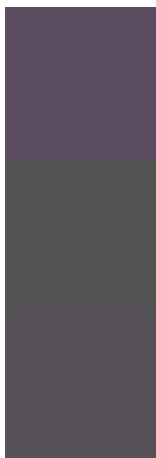
Original Color
35, 14.156, 319.656

Protanomaly
35, 11.966, 297.841

Deuteranomaly
35, 11.167, 308.816

Tritanomaly
35, 9.102, 331.906

Monochromacy



Original Color
35, 14.156, 319.656

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 5.621, 317.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 14.156, 319.656 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, 77, 97)` looks like.

```
.text, #text, p{  
    color:rgb(93, 77, 97)  
}
```

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, 77, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 77, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 14.156, 319.656 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, 77, 97) }
```

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

```
.border{ border-color:rgb(93, 77, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 77, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 77, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 77, 97);  
box-shadow:4px 4px 4px 4px rgb(93, 77, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 14.156, 319.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 77, 97) }
```

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

```
.background{ background-color: rgb(93, 77,  
97) }
```

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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