

Converting Colors

CIELCh(35, 19.230, 214.199)

Have a look what the booklet for
CIELCh(35, 19.230, 214.199)
contains.

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Color

CIELCh(35, 19.221, 214.341)

Conversions

Conversions Part 1

Format	Color
Hex	1E5A63
RGB	30, 90, 99
RGB Percent	12%, 35%, 39%
CMY	0.8821, 0.6469, 0.6116
CMYK	0.70, 0.09, 0.00, 0.61
HSL	188°, 53%, 25%
HSV	188°, 70%, 39%
XYZ	6.4512, 8.4984, 13.1159
YIQ	73.0860, -38.6490, -9.9210

Conversions

Conversions Part 2

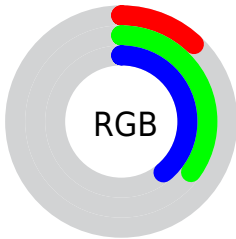
Format	Color
R _Y B	30, 62, 99
Decimal	1989219
CIE Lab	35.00, -15.87, -10.84
CIE LCh	35, 19.221, 214.341
Yxy	8.4984, 0.2299, 0.3028
Android (android.graphics.Color)	4280179299 (0xFF1E5A63)
YUV	73.0860, 12.7756, -37.7864
Hunter-Lab	29.1520, -11.5145, -6.2690




Details

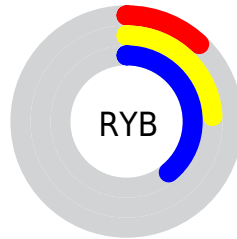
The CIELCh color **35, 19.221, 214.341** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24, 32.786, 36.160**, and the grayscale version is **31, 0.005, 296.813**.




A 20% lighter version of the original color is **55, 19.213, 215.321**, and **16, 14.355, 223.470** is the 20% darker color. If you saturate the color by 10%, you get **34, 20.495, 215.568**, and if you desaturate by 10%, it is **36, 17.503, 213.407**.

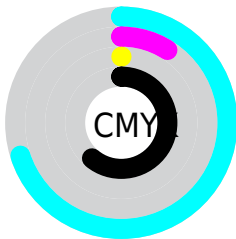
Distribution







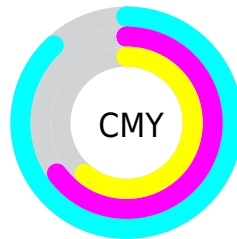
-  Red (12%)
-  Green (35%)
-  Blue (39%)






-  Red (12%)
-  Yellow (24%)
-  Blue (39%)



-  Cyan (70%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (61%)





-  Cyan (88%)
-  Magenta (65%)
-  Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 19.221, 214.341 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, 19.221, 214.341 by changing the saturation by 10% instead.


 35, 19.221,
214.341


 35, 19.221,
214.341

 100, 19.221,
214.341


 25, 19.221,
214.341

 55, 19.221,
214.341


 15, 19.221,
214.341


 65, 19.221,
214.341

 5, 19.221, 214.341

 75, 19.221,
214.341

 0, 19.221, 214.341

 85, 19.221,
214.341

 95, 19.221,
214.341

■ 35, 19.221,
214.341

■ 35, 19.221,
214.341

■ 34, 20.495,
215.568

■ 36, 17.503,
213.407

■ 34, 21.330,
217.138

■ 37, 15.364,
212.726

■ 33, 21.965,
218.846

■ 38, 12.839,
212.255

■ 33, 21.988,
218.904

■ 39, 9.977, 211.959

■ 40, 6.829, 211.811

■ 41, 3.445, 211.808

■ 42, 0.128, 29.142

■ 43, 3.846, 31.773

■ 45, 7.674, 31.980

Harmonies

Complementary

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



35, 19.221, 214.341



24, 32.786, 36.160

Rectangle

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



35, 19.221, 214.341



35, 19.221, 264.341



35, 19.221, 34.341



35, 19.221, 84.341

Sweetspot

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



35, 19.221, 214.340



50, 8.930, 211.829



37, 45.028, 141.536



25, 5.958, 211.850



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, 19.221, 214.340



44, 25.256, 216.586



24, 28.675, 280.851



19, 1.970, 211.817



38, 23.991, 219.284



77, 41.796, 220.936

Inverse Universe

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



25, 43.654, 332.139



30, 59.294, 333.068



33, 29.858, 77.938



18, 3.702, 328.672



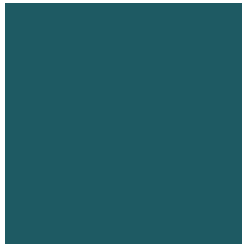
25, 57.209, 333.915



55, 99.402, 334.326

Previews

White Background



This preview shows how the CIE LCh color 35, 19.221, 214.341 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, 19.221, 214.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

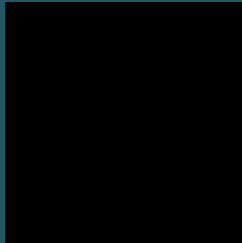
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 19.221, 214.341

Background



This preview shows how black text looks on a background with the CIELCh color 35, 19.221, 214.341.



This preview shows how white text looks on a background with the CIELCh color 35, 19.221, 214.341.

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, 19.221, 214.341

Protanopia

35, 7.507, 288.352

Deuteranopia

35, 13.140, 292.364



Tritanopia
35, 19.367, 212.213

Trichromacy



Original Color
35, 19.221, 214.341

Protanomaly
34, 10.566, 239.491

Deuteranomaly
35, 12.579, 251.839

Tritanomaly
35, 19.367, 212.213

Monochromacy



Original Color
35, 19.221, 214.341

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 8.844, 210.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 19.221, 214.341 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(30, 90, 99)` looks like.

```
.text, #text, p{  
    color:rgb(30, 90, 99)  
}
```

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(30, 90, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 90, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 19.221, 214.341 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(30, 90, 99) }
```

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

```
.border{ border-color:rgb(30, 90, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 90, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 90, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 90, 99);  
box-shadow:4px 4px 4px 4px rgb(30, 90, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 19.221, 214.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 90, 99) }
```

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

```
.background{ background-color: rgb(30, 90,  
99) }
```

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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