

Converting Colors

CIELCh(35, 20.484, 199.094)

Have a look what the booklet for
CIELCh(35, 20.484, 199.094)
contains.

CIELCh(35, 20.513, 198.545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(35, 20.513, 198.545)

Conversions

Conversions Part 1

Format	Color
Hex	1A5B5C
RGB	26, 91, 92
RGB Percent	10%, 36%, 36%
CMY	0.8974, 0.6427, 0.6388
CMYK	0.72, 0.01, 0.00, 0.64
HSL	181°, 56%, 23%
HSV	181°, 72%, 36%
XYZ	6.1177, 8.4984, 11.4696
YIQ	71.6790, -39.0610, -13.4690

Conversions

Conversions Part 2

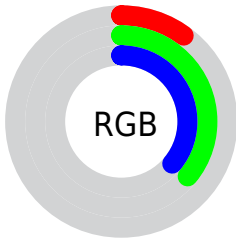
Format	Color
R _Y B	26, 59, 92
Decimal	1727324
CIE Lab	35.00, -19.45, -6.52
CIE LCh	35, 20.513, 198.545
Yxy	8.4984, 0.2345, 0.3258
Android (android.graphics.Color)	4279917404 (0xFF1A5B5C)
YUV	71.6790, 10.0183, -40.0605
Hunter-Lab	29.1520, -13.5567, -2.9207




Details

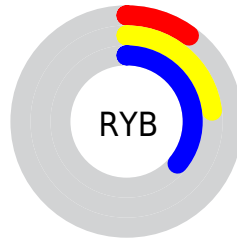
The CIELCh color **35, 20.513, 198.545** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21, 34.170, 30.004**, and the grayscale version is **30, 0.005, 296.813**.




A 20% lighter version of the original color is **55, 20.293, 199.125**, and **16, 14.717, 199.216** is the 20% darker color. If you saturate the color by 10%, you get **35, 21.816, 198.512**, and if you desaturate by 10%, it is **35, 18.763, 198.653**.

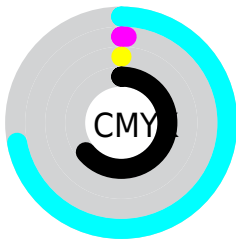
Distribution







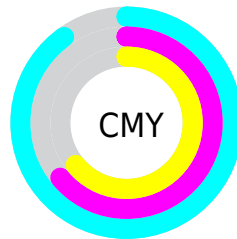
-  Red (10%)
-  Green (36%)
-  Blue (36%)






-  Red (10%)
-  Yellow (23%)
-  Blue (36%)



-  Cyan (72%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (64%)





-  Cyan (90%)
-  Magenta (64%)
-  Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 20.513, 198.545 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, 20.513, 198.545 by changing the saturation by 10% instead.


 35, 20.513,
198.545


 35, 20.513,
198.545

 100, 20.513,
198.545


 25, 20.513,
198.545

 55, 20.513,
198.545


 15, 20.513,
198.545


 65, 20.513,
198.545

 5, 20.513, 198.545

 75, 20.513,
198.545

 0, 20.513, 198.545

 85, 20.513,
198.545

 95, 20.513,
198.545

■ 35, 20.513,
198.545

■ 35, 20.513,
198.545

■ 35, 21.816,
198.512

■ 35, 18.763,
198.653

■ 35, 22.695,
198.556

■ 36, 16.582,
198.836

■ 34, 23.342,
198.604

■ 36, 13.999,
199.089

■ 37, 11.059,
199.407

■ 37, 7.812, 199.785

■ 38, 4.312, 200.231

■ 39, 0.610, 201.128

■ 40, 3.247, 20.997

■ 41, 7.217, 21.560

Harmonies

Complementary

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



35, 20.513, 198.545



21, 34.170, 30.004

Rectangle

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



35, 20.513, 198.545



35, 20.513, 248.545



35, 20.513, 18.545



35, 20.513, 68.545

Sweetspot

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



35, 20.513, 198.544



48, 9.430, 199.783



34, 46.594, 138.513



24, 6.398, 199.711



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 20.513, 198.544



45, 27.062, 198.537



24, 23.239, 270.161



18, 2.089, 200.376



41, 26.367, 198.653



84, 46.415, 198.804

Inverse Universe

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



23, 45.438, 328.135



29, 61.955, 328.578



28, 28.085, 66.998



17, 3.829, 325.270



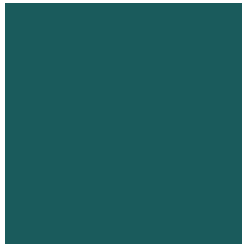
25, 61.365, 328.813



56, 108.083, 328.852

Previews

White Background



This preview shows how the CIELCh color 35, 20.513, 198.545 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, 20.513, 198.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

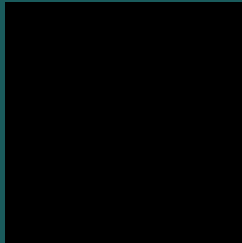
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 20.513, 198.545

Background



This preview shows how black text looks on a background with the CIELCh color 35, 20.513, 198.545.



This preview shows how white text looks on a background with the CIELCh color 35, 20.513, 198.545.

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, 20.513, 198.545

Protanopia

35, 2.499, 290.612

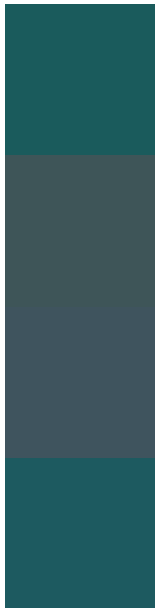
Deuteranopia

35, 9.550, 301.500



Tritanopia
35, 19.192, 212.373

Trichromacy



Original Color
35, 20.513, 198.545

Protanomaly
34, 9.140, 210.167

Deuteranomaly
34, 9.960, 237.743

Tritanomaly
35, 19.376, 208.304

Monochromacy



Original Color
35, 20.513, 198.545

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 9.573, 198.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 20.513, 198.545 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(26, 91, 92)` looks like.

```
.text, #text, p{  
    color:rgb(26, 91, 92)  
}
```

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(26, 91, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 91, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 20.513, 198.545 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(26, 91, 92) }
```

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

```
.border{ border-color:rgb(26, 91, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 91, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 91, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 91, 92);  
box-shadow:4px 4px 4px 4px rgb(26, 91, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 20.513, 198.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 91, 92) }
```

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

```
.background{ background-color: rgb(26, 91,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor