

Converting Colors

CIELCh(34, 21.388, 207.002)

Have a look what the booklet for
CIELCh(34, 21.388, 207.002)
contains.

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Color

CIELCh(34, 21.388, 207.002)

Conversions

Conversions Part 1	
Format	Color
Hex	0D595F
RGB	13, 89, 95
RGB Percent	5%, 35%, 37%
CMY	0.9509, 0.6519, 0.6284
CMYK	0.87, 0.06, 0.00, 0.63
HSL	184°, 77%, 21%
HSV	184°, 87%, 37%
XYZ	5.7657, 8.0082, 12.0106
YIQ	66.9600, -47.2220, -14.2460

Conversions

Conversions Part 2

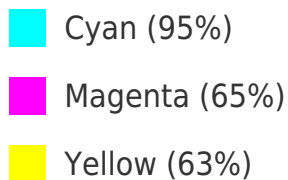
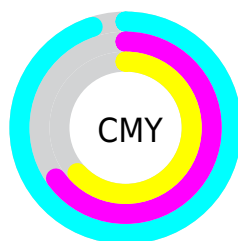
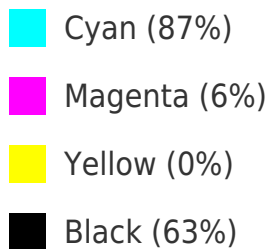
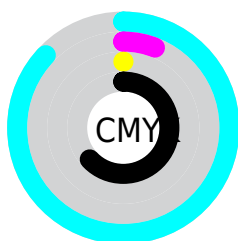
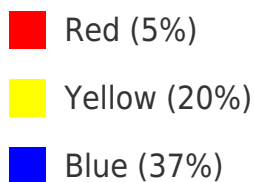
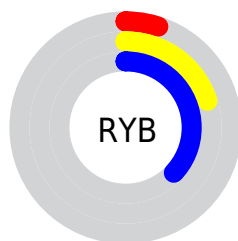
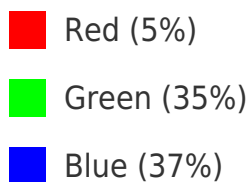
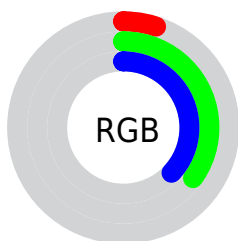
Format	Color
RYB	13, 52, 95
Decimal	874847
CIELab	34.00, -19.06, -9.71
CIELCh	34, 21.388, 207.002
Yxy	8.0082, 0.2236, 0.3106
Android (android.graphics.Color)	4279064927 (0xFF0D595F)
YUV	66.9600, 13.8237, -47.3229
Hunter-Lab	28.2988, -13.1544, -5.3547

Details

The CIELCh color **34, 21.388, 207.002** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **20, 41.542, 35.943**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 21.351, 206.860**, and **15, 13.953, 214.682** is the 20% darker color. If you saturate the color by 10%, you get **34, 22.048, 207.798**, and if you desaturate by 10%, it is **34, 20.416, 206.336**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 21.388, 207.002 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 34, 21.388, 207.002 by changing the saturation by 10% instead.


 34, 21.388,
207.002


 34, 21.388,
207.002

 100, 21.388,
207.002


 24, 21.388,
207.002

 54, 21.388,
207.002


 14, 21.388,
207.002


 64, 21.388,
207.002

 4, 21.388, 207.002

 74, 21.388,
207.002

 0, 21.388, 207.002

 84, 21.388,
207.002

 94, 21.388,
207.002

■ 34, 21.388,
207.002

■ 34, 21.388,
207.002

■ 34, 22.048,
207.798

■ 34, 20.416,
206.336

■ 34, 22.262,
208.044

■ 35, 18.996,
205.859

■ 35, 17.133,
205.550

■ 36, 14.853,
205.387

■ 37, 12.197,
205.350

■ 38, 9.212, 205.423

■ 39, 5.952, 205.593

■ 40, 2.466, 205.892



Harmonies

Complementary

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



34, 21.388, 207.002



20, 41.542, 35.943

Rectangle

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



34, 21.388, 207.002



34, 21.388, 257.002



34, 21.388, 27.002



34, 21.388, 77.002

Sweetspot

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



34, 21.388, 207.001



48, 11.041, 205.423



35, 52.415, 138.267



24, 7.360, 205.398



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 21.388, 207.001



43, 26.626, 208.429



20, 32.039, 282.337



19, 2.068, 205.808



40, 25.038, 208.307



81, 43.574, 209.135

Inverse Universe

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



22, 49.986, 330.687



28, 63.522, 331.249



28, 35.060, 70.759



18, 3.853, 326.909



25, 59.724, 331.219



56, 104.046, 331.422

Previews

White Background



This preview shows how the CIELCh color 34, 21.388, 207.002 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 34, 21.388, 207.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

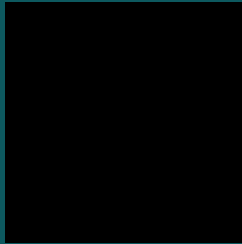
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 21.388, 207.002

Background



This preview shows how black text looks on a background with the CIELCh color 34, 21.388, 207.002.



This preview shows how white text looks on a background with the CIELCh color 34, 21.388, 207.002.

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

34, 21.388, 207.002

Protanopia

34, 6.280, 291.256

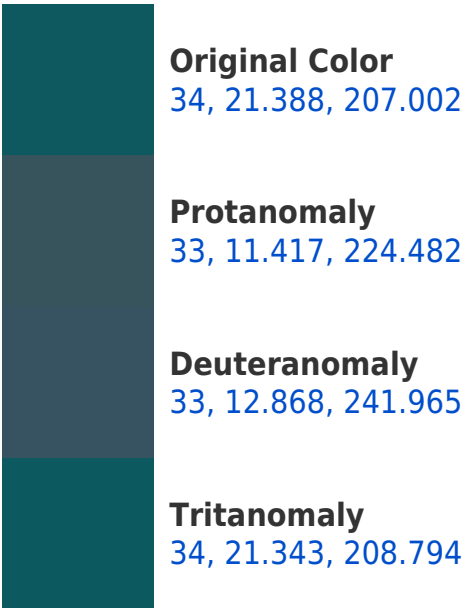
Deuteranopia

34, 11.955, 294.091

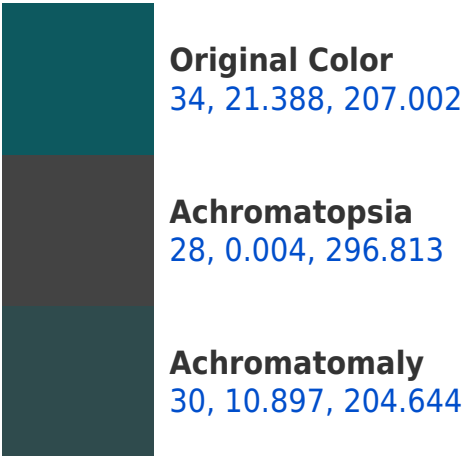


Tritanopia
34, 21.242, 208.863

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 21.388, 207.002 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(13, 89, 95)` looks like.

```
.text, #text, p{  
    color:rgb(13, 89, 95)  
}
```

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(13, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 89, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 21.388, 207.002 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(13, 89, 95) }
```

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

```
.border{ border-color:rgb(13, 89, 95) }
```

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

Here you see how a box with a 4 pixel rgb(13, 89, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(13, 89, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 21.388, 207.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 89, 95) }
```

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

```
.background{ background-color: rgb(13, 89,  
95) }
```

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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