

Converting Colors

CIELCh(34, 22.362, 214.343)

Have a look what the booklet for
CIELCh(34, 22.362, 214.343)
contains.

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Color

CIELCh(34, 22.387, 213.230)

Conversions

Conversions Part 1

Format	Color
Hex	005963
RGB	0, 89, 99
RGB Percent	0%, 35%, 39%
CMY	1.0000, 0.6517, 0.6125
CMYK	1.00, 0.10, 0.00, 0.61
HSL	186°, 100%, 19%
HSV	186°, 100%, 39%
XYZ	5.7949, 8.0082, 12.9971
YIQ	63.5290, -56.2540, -15.7580

Conversions

Conversions Part 2

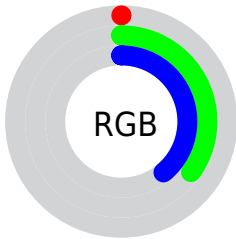
Format	Color
R_{YB}	0, 47, 99
Decimal	22883
CIE _{Lab}	34.00, -18.73, -12.27
CIE _{LCh}	34, 22.387, 213.230
Yxy	8.0082, 0.2162, 0.2988
Android (android.graphics.Color)	4278212963 (0xFF005963)
YUV	63.5290, 17.4872, -55.7149
Hunter-Lab	28.2988, -12.9706, -7.4217

Details

The CIELCh color **34, 22.387, 213.230** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19, 47.654, 38.432**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 22.386, 214.089**, and **15, 14.176, 223.940** is the 20% darker color. If you saturate the color by 10%, you get **34, 22.355, 213.257**, and if you desaturate by 10%, it is **34, 21.734, 212.020**.

Distribution



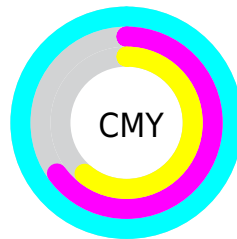
- Red (0%)
- Green (35%)
- Blue (39%)



- Red (0%)
- Yellow (18%)
- Blue (39%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (61%)





- Cyan (100%)
- Magenta (65%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 22.387, 213.230 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, 22.387, 213.230 by changing the saturation by 10% instead.


 34, 22.387,
213.230


 34, 22.387,
213.230

 100, 22.387,
213.230


 24, 22.387,
213.230

 54, 22.387,
213.230


 14, 22.387,
213.230


 64, 22.387,
213.230

 4, 22.387, 213.230

 74, 22.387,
213.230

 0, 22.387, 213.230

 84, 22.387,
213.230

 94, 22.387,
213.230

■ 34, 22.387,
213.230

■ 34, 22.387,
213.230

■ 34, 22.355,
213.257

■ 34, 21.734,
212.020

■ 35, 20.919,
210.879

■ 36, 19.650,
210.005

■ 36, 17.925,
209.364

■ 37, 15.765,
208.925

■ 38, 13.207,
208.657

■ 39, 10.299,
208.534

■ 40, 7.094, 208.534

Harmonies

Complementary

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



34, 22.387, 213.230



19, 47.654, 38.432

Rectangle

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



34, 22.387, 213.230



34, 22.387, 263.230



34, 22.387, 33.230



34, 22.387, 83.230

Sweetspot

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



34, 22.355, 213.257



50, 12.662, 208.539



36, 57.449, 137.655



24, 8.474, 208.564



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



34, 22.355, 213.257



44, 26.739, 213.805



17, 40.922, 289.834



19, 2.017, 208.684



39, 24.425, 213.543



79, 42.501, 214.765

Inverse Universe

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



21, 53.516, 332.432



29, 64.012, 332.566



29, 41.002, 71.448



18, 3.778, 327.756



25, 58.473, 332.502



55, 101.733, 332.801

Previews

White Background



This preview shows how the CIELCh color 34, 22.387, 213.230 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, 22.387, 213.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

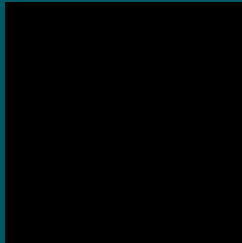
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 22.387, 213.230

Background



This preview shows how black text looks on a background with the CIELCh color 34, 22.387, 213.230.



This preview shows how white text looks on a background with the CIELCh color 34, 22.387, 213.230.

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, 22.387, 213.230

Protanopia

34, 8.164, 288.738

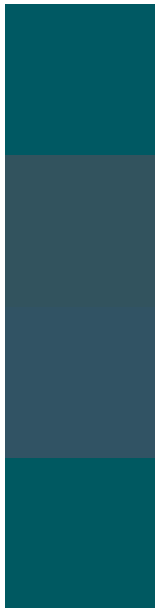
Deuteranopia

34, 13.800, 289.306



Tritanopia
34, 22.463, 208.059

Trichromacy



Original Color
34, 22.387, 213.230

Protanomaly
33, 13.422, 229.354

Deuteranomaly
33, 15.433, 242.490

Tritanomaly
34, 22.420, 209.778

Monochromacy



Original Color
34, 22.387, 213.230

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 12.174, 210.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 22.387, 213.230 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(0, 89, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 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(0, 89, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 22.387, 213.230 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(0, 89, 99) }
```

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

```
.border{ border-color:rgb(0, 89, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 89, 99); box-shadow:4px  
4px 4px 4px rgb(0, 89, 99) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 22.387, 213.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 99) }
```

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

```
.background{ background-color: rgb(0, 89,  
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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