

Converting Colors

CIELCh(30, 61.587, 196.542)

Have a look what the booklet for
CIELCh(30, 61.587, 196.542)
contains.

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Color

CIELCh(34, 22.641, 207.943)

Conversions

Conversions Part 1

Format	Color
Hex	005960
RGB	0, 89, 96
RGB Percent	0%, 35%, 38%
CMY	1.0000, 0.6503, 0.6229
CMYK	1.00, 0.07, 0.00, 0.62
HSL	184°, 100%, 19%
HSV	184°, 100%, 38%
XYZ	5.6830, 8.0082, 12.3514
YIQ	63.1870, -55.2910, -16.6910

Conversions

Conversions Part 2

Format	Color
RYB	0, 46, 96
Decimal	22880
CIELab	34.00, -20.00, -10.61
CIELCh	34, 22.641, 207.943
Yxy	8.0082, 0.2182, 0.3075
Android (android.graphics.Color)	4278212960 (0xFF005960)
YUV	63.1870, 16.1768, -55.4150
Hunter-Lab	28.2988, -13.6766, -6.0687

Details

The CIELCh color **34, 22.641, 207.943** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19, 46.879, 37.318**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 22.295, 207.915**, and **15, 13.990, 217.796** is the 20% darker color. If you saturate the color by 10%, you get **34, 22.493, 208.034**, and if you desaturate by 10%, it is **34, 21.845, 207.241**.

Distribution



- Red (0%)
- Green (35%)
- Blue (38%)



- Red (0%)
- Yellow (18%)
- Blue (38%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (62%)





- Cyan (100%)
- Magenta (65%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 22.641, 207.943 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, 22.641, 207.943 by changing the saturation by 10% instead.


 34, 22.641,
207.943


 34, 22.641,
207.943

 100, 22.641,
207.943

 24, 22.641,
207.943

 54, 22.641,
207.943


 14, 22.641,
207.943


 64, 22.641,
207.943

 4, 22.641, 207.943

 74, 22.641,
207.943

 0, 22.641, 207.943

 84, 22.641,
207.943

 94, 22.641,
207.943

■ 34, 22.641,
207.943

■ 34, 22.641,
207.943

■ 34, 22.493,
208.034

■ 34, 21.845,
207.241

■ 35, 21.011,
206.510

■ 35, 19.727,
205.973

■ 36, 17.989,
205.611

■ 36, 15.817,
205.403

■ 37, 13.248,
205.328

■ 38, 10.330,
205.367

■ 39, 7.115, 205.506

Harmonies

Complementary

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



34, 22.641, 207.943



19, 46.879, 37.318

Rectangle

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



34, 22.641, 207.943



34, 22.641, 257.943



34, 22.641, 27.943



34, 22.641, 77.943

Sweetspot

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



34, 22.493, 208.034



49, 12.772, 205.359



35, 57.052, 137.153



25, 8.688, 205.339



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, 22.493, 208.034



44, 27.024, 208.422



18, 37.678, 287.061



19, 2.068, 205.789



40, 25.042, 208.272



81, 43.583, 209.098

Inverse Universe

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



21, 53.632, 331.152



28, 64.472, 331.247



27, 40.120, 68.498



18, 3.854, 326.904



25, 59.732, 331.210



56, 104.062, 331.413

Previews

White Background



This preview shows how the CIELCh color 34, 22.641, 207.943 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, 22.641, 207.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

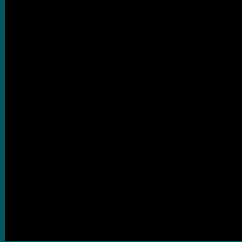
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 22.641, 207.943

Background



This preview shows how black text looks on a background with the CIELCh color 34, 22.641, 207.943.



This preview shows how white text looks on a background with the CIELCh color 34, 22.641, 207.943.

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, 22.463, 208.059

Protanopia

34, 6.273, 287.507

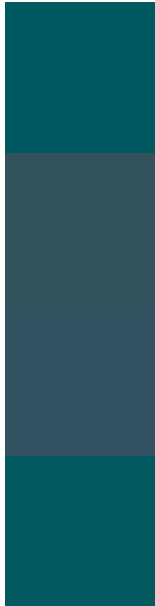
Deuteranopia

34, 13.207, 294.097



Tritanopia
34, 22.122, 208.276

Trichromacy



Original Color
34, 22.463, 208.059

Protanomaly
33, 13.006, 224.005

Deuteranomaly
33, 14.676, 242.040

Tritanomaly
34, 22.207, 208.222

Monochromacy



Original Color
34, 22.463, 208.059

Achromatopsia
27, 0.004, 296.813

Achromatomaly
29, 12.486, 203.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 22.641, 207.943 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 22.641, 207.943 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, 96) }
```

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

```
.border{ border-color:rgb(0, 89, 96) }
```

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, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 89, 96); box-shadow:4px  
4px 4px 4px rgb(0, 89, 96) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 22.641, 207.943 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, 96) }
```

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

```
.background{ background-color: rgb(0, 89,  
96) }
```

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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