

Converting Colors

CIELCh(36, 21.712, 194.066)

Have a look what the booklet for
CIELCh(36, 21.712, 194.066)
contains.

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Color

CIELCh(36, 21.631, 195.011)

Conversions

Conversions Part 1

Format	Color
Hex	195E5D
RGB	25, 94, 93
RGB Percent	10%, 37%, 36%
CMY	0.9018, 0.6313, 0.6352
CMYK	0.73, 0.00, 0.01, 0.63
HSL	179°, 58%, 23%
HSV	179°, 73%, 37%
XYZ	6.3839, 9.0082, 11.7644
YIQ	73.2550, -40.8030, -14.9390

Conversions

Conversions Part 2

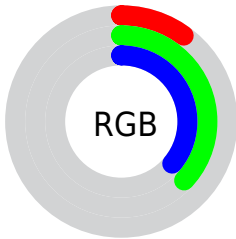
Format	Color
R_{YB}	25, 60, 94
Decimal	1662557
CIE Lab	36.00, -20.89, -5.60
CIE LCh	36, 21.631, 195.011
Yxy	9.0082, 0.2351, 0.3317
Android (android.graphics.Color)	4279852637 (0xFF195E5D)
YUV	73.2550, 9.7343, -42.3196
Hunter-Lab	30.0136, -14.5566, -2.2304

Details

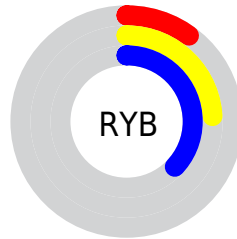
The CIELCh color **36, 21.631, 195.011** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 35.749, 28.900**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 21.680, 194.318**, and **17, 15.295, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **36, 22.942, 194.730**, and if you desaturate by 10%, it is **36, 19.864, 195.327**.

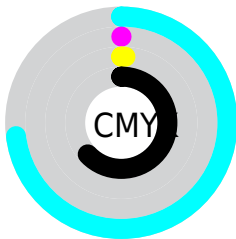
Distribution



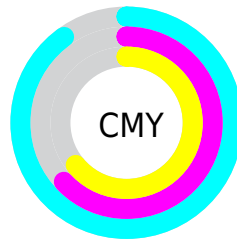
- Red (10%)
- Green (37%)
- Blue (36%)



- Red (10%)
- Yellow (24%)
- Blue (37%)



- Cyan (73%)
- Magenta (0%)
- Yellow (1%)
- Black (63%)





- Cyan (90%)
- Magenta (63%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 21.631, 195.011 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 36, 21.631, 195.011 by changing the saturation by 10% instead.


 36, 21.631,
195.011


 36, 21.631,
195.011

 100, 21.631,
195.011


 26, 21.631,
195.011

 56, 21.631,
195.011


 16, 21.631,
195.011


 66, 21.631,
195.011

 6, 21.631, 195.011

 76, 21.631,
195.011

 0, 21.631, 195.011

 86, 21.631,
195.011

 96, 21.631,
195.011

■ 36, 21.631,
195.011

■ 36, 21.631,
195.011

■ 36, 22.942,
194.730

■ 36, 19.864,
195.327

■ 36, 23.846,
194.480

■ 37, 17.652,
195.685

■ 36, 24.402,
194.322

■ 37, 15.024,
196.085

■ 38, 12.024,
196.527

■ 38, 8.702, 197.010

■ 39, 5.115, 197.541

■ 40, 1.317, 198.254

■ 40, 2.643, 18.448

■ 41, 6.718, 19.095

Harmonies

Complementary

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



36, 21.631, 195.011



21, 35.749, 28.900

Rectangle

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



36, 21.631, 195.011



36, 21.631, 245.011



36, 21.631, 15.011



36, 21.631, 65.011

Sweetspot

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



36, 21.631, 195.010



49, 10.200, 197.044



35, 48.061, 138.075



25, 6.757, 196.962



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



36, 21.631, 195.010



46, 28.467, 194.544



25, 23.580, 268.949



18, 2.124, 197.812



41, 27.191, 194.284



85, 47.961, 194.149

Inverse Universe

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



21, 35.749, 28.900



25, 53.361, 34.677



28, 29.316, 65.183



17, 2.233, 18.650



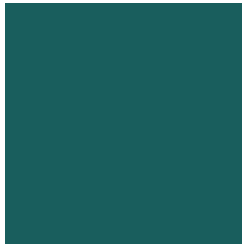
21, 53.412, 36.282



50, 98.390, 39.561

Previews

White Background



This preview shows how the CIELCh color 36, 21.631, 195.011 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 36, 21.631, 195.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

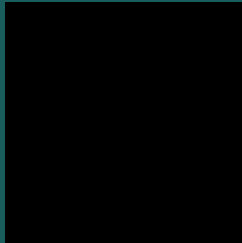
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 21.631, 195.011

Background



This preview shows how black text looks on a background with the CIELCh color 36, 21.631, 195.011.



This preview shows how white text looks on a background with the CIELCh color 36, 21.631, 195.011.

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
36, 21.631, 195.011

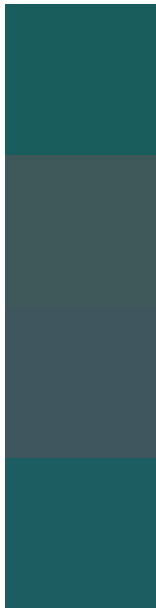
Protanopia
36, 1.921, 303.201

Deuteranopia
36, 8.986, 304.678



Tritanopia
36, 19.850, 209.842

Trichromacy



Original Color
36, 21.631, 195.011

Protanomaly
36, 9.789, 201.794

Deuteranomaly
35, 9.902, 233.237

Tritanomaly
36, 20.316, 204.012

Monochromacy



Original Color
36, 21.631, 195.011

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 10.003, 194.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 21.631, 195.011 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(25, 94, 93)` looks like.

```
.text, #text, p{  
    color:rgb(25, 94, 93)  
}
```

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(25, 94, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 94, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 21.631, 195.011 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(25, 94, 93) }
```

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

```
.border{ border-color:rgb(25, 94, 93) }
```

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

Here you see how a box with a 4 pixel rgb(25, 94, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 94, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 94, 93);  
box-shadow:4px 4px 4px 4px rgb(25, 94, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 21.631, 195.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 94, 93) }
```

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

```
.background{ background-color: rgb(25, 94,  
93) }
```

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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