

Converting Colors

CIELCh(36, 21.024, 197.418)

Have a look what the booklet for
CIELCh(36, 21.024, 197.418)
contains.

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Color

CIELCh(36, 21.145, 196.746)

Conversions

Conversions Part 1

Format	Color
Hex	1B5E5E
RGB	27, 94, 94
RGB Percent	11%, 37%, 37%
CMY	0.8950, 0.6321, 0.6321
CMYK	0.71, 0.00, 0.00, 0.63
HSL	180°, 56%, 24%
HSV	180°, 71%, 37%
XYZ	6.4449, 9.0082, 11.9469
YIQ	73.9670, -39.9320, -14.2040

Conversions

Conversions Part 2

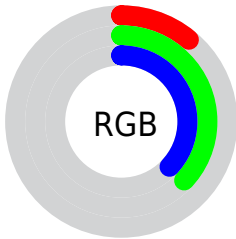
Format	Color
RYB	27, 61, 94
Decimal	1793630
CIELab	36.00, -20.25, -6.09
CIELCh	36, 21.145, 196.746
Yxy	9.0082, 0.2352, 0.3288
Android (android.graphics.Color)	4279983710 (0xFF1B5E5E)
YUV	73.9670, 9.8763, -41.1901
Hunter-Lab	30.0136, -14.1942, -2.5908

Details

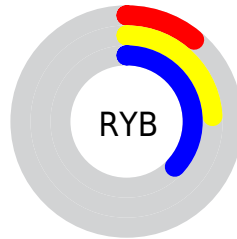
The CIELCh color **36, 21.145, 196.746** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21, 34.939, 29.306**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 21.294, 195.861**, and **17, 15.120, 199.122** is the 20% darker color. If you saturate the color by 10%, you get **36, 22.507, 196.581**, and if you desaturate by 10%, it is **36, 19.328, 196.965**.

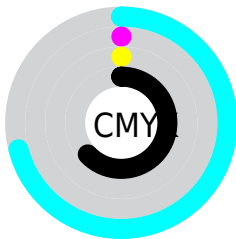
Distribution



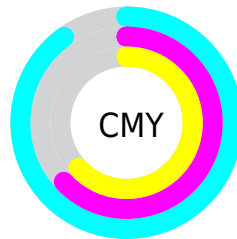
- Red (11%)
- Green (37%)
- Blue (37%)



- Red (11%)
- Yellow (24%)
- Blue (37%)



- Cyan (71%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 21.145, 196.746 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, 21.145, 196.746 by changing the saturation by 10% instead.


 36, 21.145,
196.746


 36, 21.145,
196.746

 100, 21.145,
196.746


 26, 21.145,
196.746


 56, 21.145,
196.746


 16, 21.145,
196.746


 66, 21.145,
196.746

 6, 21.145, 196.746

 76, 21.145,
196.746

 0, 21.145, 196.746

 86, 21.145,
196.746

 96, 21.145,
196.746

■ 36, 21.145,
196.746

■ 36, 21.145,
196.746

■ 36, 22.507,
196.581

■ 36, 19.328,
196.965

■ 36, 23.434,
196.470

■ 37, 17.068,
197.243

■ 36, 24.120,
196.389

■ 37, 14.398,
197.577

■ 38, 11.361,
197.964

■ 38, 8.008, 198.403

■ 39, 4.395, 198.902

■ 40, 0.575, 199.886

■ 41, 3.402, 19.766

■ 41, 7.493, 20.367

Harmonies

Complementary

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



36, 21.145, 196.746



21, 34.939, 29.306

Rectangle

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



36, 21.145, 196.746



36, 21.145, 246.746



36, 21.145, 16.746



36, 21.145, 66.746

Sweetspot

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



36, 21.145, 196.745



49, 9.744, 198.394



35, 47.211, 138.509



25, 6.499, 198.315



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, 21.145, 196.745



46, 28.015, 196.497



25, 23.548, 270.173



18, 2.122, 199.054



42, 26.912, 196.389



85, 47.436, 196.389

Inverse Universe

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



24, 46.505, 327.660



29, 63.628, 328.054



29, 28.462, 66.993



17, 3.869, 324.865



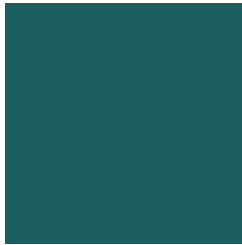
25, 62.061, 328.233



56, 109.389, 328.233

Previews

White Background



This preview shows how the CIELCh color 36, 21.145, 196.746 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 CIE LCh color 36, 21.145, 196.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

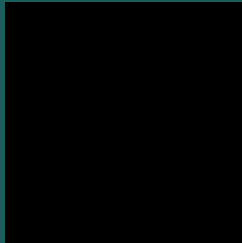
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 21.145, 196.746

Background



This preview shows how black text looks on a background with the CIELCh color 36, 21.145, 196.746.



This preview shows how white text looks on a background with the CIELCh color 36, 21.145, 196.746.

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, 21.145, 196.746

Protanopia

36, 2.530, 300.164

Deuteranopia

36, 8.986, 304.678



Tritanopia
36, 19.674, 209.978

Trichromacy



Original Color
36, 21.145, 196.746

Protanomaly
36, 9.427, 205.831

Deuteranomaly
35, 9.618, 234.445

Tritanomaly
36, 20.083, 205.958

Monochromacy



Original Color
36, 21.145, 196.746

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 9.553, 198.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 21.145, 196.746 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(27, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(27, 94, 94)  
}
```

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(27, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 94, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 21.145, 196.746 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(27, 94, 94) }
```

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

```
.border{ border-color:rgb(27, 94, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 94, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(27, 94, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 21.145, 196.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 94, 94) }
```

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

```
.background{ background-color: rgb(27, 94,  
94) }
```

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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