

Converting Colors

CIELCh(36, 24.649, 176.084)

Have a look what the booklet for
CIELCh(36, 24.649, 176.084)
contains.

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Color

CIELCh(36, 24.827, 175.646)

Conversions

Conversions Part 1

Format	Color
Hex	1B5F51
RGB	27, 95, 81
RGB Percent	11%, 37%, 32%
CMY	0.8942, 0.6275, 0.6824
CMYK	0.72, 0.00, 0.15, 0.63
HSL	168°, 56%, 24%
HSV	168°, 72%, 37%
XYZ	6.0268, 9.0082, 9.2027
YIQ	73.0720, -36.0340, -18.7700

Conversions

Conversions Part 2

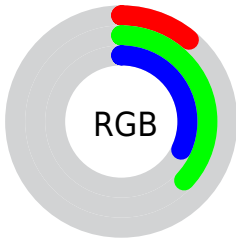
Format	Color
RYB	27, 65, 95
Decimal	1793873
CIELab	36.00, -24.76, 1.88
CIElCh	36, 24.827, 175.646
Yxy	9.0082, 0.2487, 0.3717
Android (android.graphics.Color)	4279983953 (0xFF1B5F51)
YUV	73.0720, 3.9085, -40.4051
Hunter-Lab	30.0136, -16.6803, 2.8302

Details

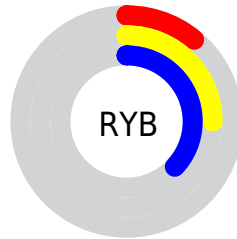
The CIELCh color **36, 24.827, 175.646** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 32.934, 14.265**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 24.917, 175.388**, and **17, 18.999, 171.786** is the 20% darker color. If you saturate the color by 10%, you get **36, 26.920, 174.276**, and if you desaturate by 10%, it is **36, 22.307, 176.889**.

Distribution



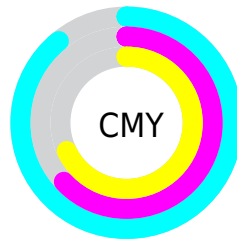
- Red (11%)
- Green (37%)
- Blue (32%)



- Red (11%)
- Yellow (25%)
- Blue (37%)



- Cyan (72%)
- Magenta (0%)
- Yellow (15%)
- Black (63%)



- Cyan (89%)
- Magenta (63%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 24.827, 175.646 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, 24.827, 175.646 by changing the saturation by 10% instead.


 36, 24.827,
175.646


 36, 24.827,
175.646

 100, 24.827,
175.646


 26, 24.827,
175.646

 56, 24.827,
175.646

 16, 24.827,
175.646

 66, 24.827,
175.646

 6, 24.827, 175.646

 76, 24.827,
175.646

 0, 24.827, 175.646

 86, 24.827,
175.646

 96, 24.827,
175.646

■ 36, 24.827,
175.646

■ 36, 24.827,
175.646

■ 36, 26.920,
174.276

■ 36, 22.307,
176.889

■ 36, 28.593,
172.774

■ 37, 19.388,
178.029

■ 35, 29.914,
171.559

■ 37, 16.116,
179.083

■ 38, 12.548,
180.067

■ 39, 8.744, 180.999

■ 39, 4.763, 181.900

■ 40, 0.660, 183.121

■ 41, 3.518, 3.387

■ 42, 7.730, 4.204

Harmonies

Complementary

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



36, 24.827, 175.646



21, 32.934, 14.265

Rectangle

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



36, 24.827, 175.646



36, 24.827, 225.646



36, 24.827, 355.646



36, 24.827, 45.646

Sweetspot

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



36, 24.827, 175.645



49, 10.476, 180.996



35, 45.316, 134.485



24, 7.003, 180.839



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, 24.827, 175.645



46, 33.649, 173.242



30, 18.659, 239.691



20, 2.349, 182.147



42, 33.803, 171.161



85, 60.032, 169.918

Inverse Universe

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



21, 32.934, 14.265



26, 47.214, 20.483



25, 30.097, 47.441



18, 2.426, 3.496



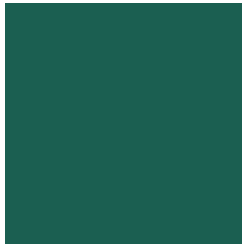
22, 49.445, 26.259



50, 89.098, 29.987

Previews

White Background



This preview shows how the CIELCh color 36, 24.827, 175.646 looks on a white background.

Color Contrast Check

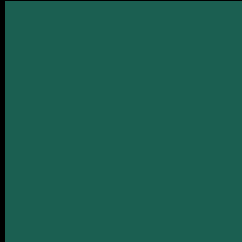
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.827, 175.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

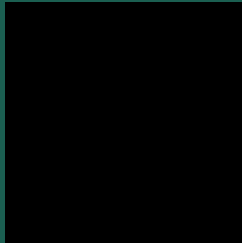
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 24.827, 175.646

Background



This preview shows how black text looks on a background with the CIELCh color 36, 24.827, 175.646.



This preview shows how white text looks on a background with the CIELCh color 36, 24.827, 175.646.

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, 24.827, 175.646

Protanopia

36, 5.843, 91.427

Deuteranopia

36, 4.941, 5.614



Tritanopia
36, 18.306, 213.193

Trichromacy



Original Color
36, 24.827, 175.646

Protanomaly
35, 11.579, 161.608

Deuteranomaly
35, 7.874, 179.848

Tritanomaly
36, 19.794, 196.892

Monochromacy



Original Color
36, 24.827, 175.646

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 10.739, 180.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 24.827, 175.646 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, 95, 81)` looks like.

```
.text, #text, p{  
    color:rgb(27, 95, 81)  
}
```

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, 95, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 95, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 24.827, 175.646 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, 95, 81) }
```

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

```
.border{ border-color:rgb(27, 95, 81) }
```

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

Here you see how a box with a 4 pixel rgb(27, 95, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 95, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 95, 81);  
box-shadow:4px 4px 4px 4px rgb(27, 95, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 24.827, 175.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 95, 81) }
```

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

```
.background{ background-color: rgb(27, 95,  
81) }
```

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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