

Converting Colors

CIELCh(36, 24.350, 187.525)

Have a look what the booklet for
CIELCh(36, 24.350, 187.525)
contains.

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Color

CIELCh(36, 24.338, 187.434)

Conversions

Conversions Part 1

Format	Color
Hex	0E5F59
RGB	14, 95, 89
RGB Percent	5%, 37%, 35%
CMY	0.9447, 0.6273, 0.6508
CMYK	0.85, 0.00, 0.06, 0.63
HSL	176°, 74%, 21%
HSV	176°, 85%, 37%
XYZ	6.0834, 9.0082, 10.8786
YIQ	70.0970, -46.3500, -19.0380

Conversions

Conversions Part 2

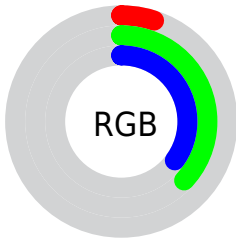
Format	Color
R_{YB}	14, 56, 95
Decimal	941913
CIE _{Lab}	36.00, -24.13, -3.15
CIE _{LCh}	36, 24.338, 187.434
Yxy	9.0082, 0.2342, 0.3469
Android (android.graphics.Color)	4279131993 (0xFF0E5F59)
YUV	70.0970, 9.3192, -49.1971
Hunter-Lab	30.0136, -16.3438, -0.4804

Details

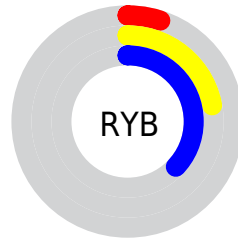
The CIELCh color **36, 24.338, 187.434** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19, 40.663, 28.938**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 24.296, 187.547**, and **17, 16.468, 186.315** is the 20% darker color. If you saturate the color by 10%, you get **36, 25.378, 186.657**, and if you desaturate by 10%, it is **36, 22.929, 188.180**.

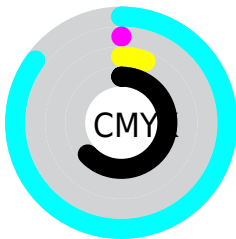
Distribution



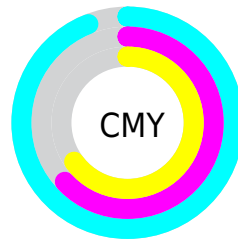
- Red (5%)
- Green (37%)
- Blue (35%)



- Red (5%)
- Yellow (22%)
- Blue (37%)



- Cyan (85%)
- Magenta (0%)
- Yellow (6%)
- Black (63%)



- Cyan (94%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 24.338, 187.434 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, 24.338, 187.434 by changing the saturation by 10% instead.


 36, 24.338,
187.434

 36, 24.338,
187.434

 100, 24.338,
187.434


 26, 24.338,
187.434

 56, 24.338,
187.434

 16, 24.338,
187.434


 66, 24.338,
187.434

 6, 24.338, 187.434

 76, 24.338,
187.434

 0, 24.338, 187.434

 86, 24.338,
187.434

 96, 24.338,
187.434

■ 36, 24.338,
187.434

■ 36, 24.338,
187.434

■ 36, 25.378,
186.657

■ 36, 22.929,
188.180

■ 36, 25.870,
186.298

■ 36, 21.065,
188.893

■ 37, 18.757,
189.583

■ 37, 16.037,
190.262

■ 38, 12.951,
190.935

■ 38, 9.553, 191.611

■ 39, 5.901, 192.299

■ 40, 2.052, 193.068

Harmonies

Complementary

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



36, 24.338, 187.434



19, 40.663, 28.938

Rectangle

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



36, 24.338, 187.434



36, 24.338, 237.434



36, 24.338, 7.434



36, 24.338, 57.434

Sweetspot

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



36, 24.338, 187.433



49, 12.096, 191.503



35, 52.873, 136.230



24, 8.072, 191.356



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, 24.338, 187.433



46, 31.007, 186.018



25, 24.487, 265.118



20, 2.244, 192.755



42, 29.119, 186.108



86, 51.139, 185.506

Inverse Universe

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



19, 40.663, 28.938



24, 57.020, 35.001



25, 35.133, 57.774



18, 2.347, 13.827



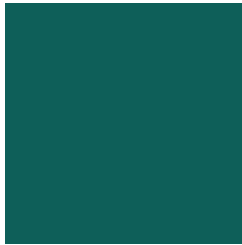
22, 53.046, 34.131



50, 96.781, 37.693

Previews

White Background



This preview shows how the CIELCh color 36, 24.338, 187.434 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, 24.338, 187.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

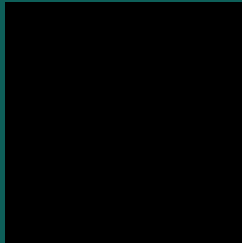
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 24.338, 187.434

Background



This preview shows how black text looks on a background with the CIELCh color 36, 24.338, 187.434.



This preview shows how white text looks on a background with the CIELCh color 36, 24.338, 187.434.

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, 24.338, 187.434

Protanopia

36, 1.054, 55.193

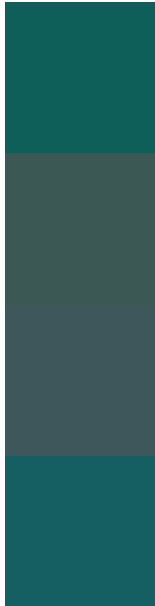
Deuteranopia

36, 6.906, 316.139



Tritanopia
36, 20.648, 211.073

Trichromacy



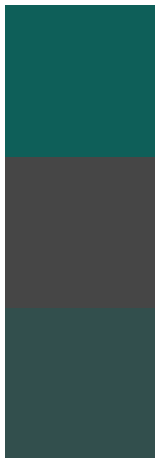
Original Color
36, 24.338, 187.434

Protanomaly
35, 11.271, 188.272

Deuteranomaly
35, 9.879, 212.912

Tritanomaly
36, 21.691, 201.717

Monochromacy



Original Color
36, 24.338, 187.434

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 11.550, 191.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 24.338, 187.434 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(14, 95, 89)` looks like.

```
.text, #text, p{  
    color:rgb(14, 95, 89)  
}
```

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(14, 95, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 95, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 24.338, 187.434 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(14, 95, 89) }
```

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

```
.border{ border-color:rgb(14, 95, 89) }
```

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

Here you see how a box with a 4 pixel rgb(14, 95, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 95, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 95, 89);  
box-shadow:4px 4px 4px 4px rgb(14, 95, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 24.338, 187.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 95, 89) }
```

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

```
.background{ background-color: rgb(14, 95,  
89) }
```

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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