

Converting Colors

CIELCh(35, 24.545, 184.888)

Have a look what the booklet for
CIELCh(35, 24.545, 184.888)
contains.

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Color

CIELCh(35, 24.680, 184.465)

Conversions

Conversions Part 1

Format	Color
Hex	0B5D55
RGB	11, 93, 85
RGB Percent	4%, 36%, 33%
CMY	0.9554, 0.6365, 0.6679
CMYK	0.88, 0.00, 0.09, 0.64
HSL	174°, 78%, 20%
HSV	174°, 88%, 36%
XYZ	5.6574, 8.4984, 9.8732
YIQ	67.5700, -46.3040, -19.8720

Conversions

Conversions Part 2

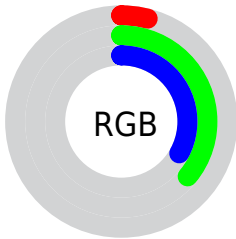
Format	Color
R_{YB}	11, 54, 93
Decimal	744789
CIE Lab	35.00, -24.61, -1.92
CIE LCh	35, 24.680, 184.465
Yxy	8.4984, 0.2354, 0.3537
Android (android.graphics.Color)	4278934869 (0xFF0B5D55)
YUV	67.5700, 8.5930, -49.6119
Hunter-Lab	29.1520, -16.3752, 0.3260

Details

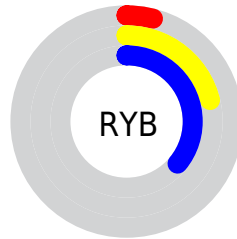
The CIELCh color **35, 24.680, 184.465** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18, 40.383, 28.121**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 24.702, 184.886**, and **16, 16.722, 181.315** is the 20% darker color. If you saturate the color by 10%, you get **35, 25.780, 183.527**, and if you desaturate by 10%, it is **35, 23.318, 185.384**.

Distribution



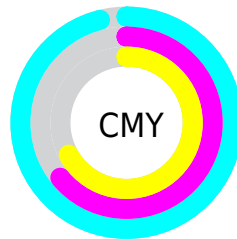
- Red (4%)
- Green (36%)
- Blue (33%)



- Red (4%)
- Yellow (21%)
- Blue (36%)



- Cyan (88%)
- Magenta (0%)
- Yellow (9%)
- Black (64%)



- Cyan (96%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 24.680, 184.465 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 35, 24.680, 184.465 by changing the saturation by 10% instead.


 35, 24.680,
184.465

 35, 24.680,
184.465

 100, 24.680,
184.465

 25, 24.680,
184.465

 55, 24.680,
184.465

 15, 24.680,
184.465

 65, 24.680,
184.465

 5, 24.680, 184.465

 75, 24.680,
184.465

 0, 24.680, 184.465

 85, 24.680,
184.465

 95, 24.680,
184.465

■ 35, 24.680,
184.465

■ 35, 24.680,
184.465

■ 35, 25.780,
183.527

■ 35, 23.318,
185.384

■ 35, 26.033,
183.324

■ 35, 21.514,
186.243

■ 36, 19.278,
187.055

■ 36, 16.637,
187.835

■ 37, 13.635,
188.591

■ 37, 10.324,
189.333

■ 38, 6.762, 190.072

■ 39, 3.004, 190.843

Harmonies

Complementary

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



35, 24.680, 184.465



18, 40.383, 28.121

Rectangle

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



35, 24.680, 184.465



35, 24.680, 234.465



35, 24.680, 4.465



35, 24.680, 54.465

Sweetspot

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



35, 24.680, 184.464



48, 11.994, 189.401



34, 52.585, 135.901



24, 8.145, 189.236



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 24.680, 184.464



45, 31.309, 182.958



24, 23.944, 263.743



18, 2.157, 190.753



41, 29.356, 183.077



85, 52.095, 182.293

Inverse Universe

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



18, 40.383, 28.121



24, 55.414, 33.757



24, 35.620, 56.063



17, 2.250, 11.877



21, 51.501, 32.856



50, 94.744, 36.625

Previews

White Background



This preview shows how the CIELCh color 35, 24.680, 184.465 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 35, 24.680, 184.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

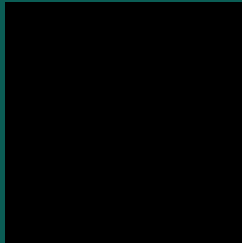
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 24.680, 184.465

Background



This preview shows how black text looks on a background with the CIELCh color 35, 24.680, 184.465.



This preview shows how white text looks on a background with the CIELCh color 35, 24.680, 184.465.

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

35, 24.777, 184.499

Protanopia

35, 2.050, 84.662

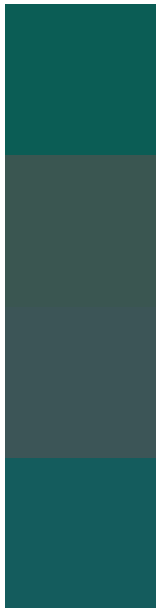
Deuteranopia

35, 6.063, 324.876



Tritanopia
35, 20.237, 209.568

Trichromacy



Original Color
35, 24.777, 184.499

Protanomaly
34, 11.708, 182.202

Deuteranomaly
34, 9.804, 205.504

Tritanomaly
35, 21.650, 198.331

Monochromacy



Original Color
35, 24.777, 184.499

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 11.752, 188.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 24.680, 184.465 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(11, 93, 85)` looks like.

```
.text, #text, p{  
    color:rgb(11, 93, 85)  
}
```

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(11, 93, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 93, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 24.680, 184.465 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(11, 93, 85) }
```

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

```
.border{ border-color:rgb(11, 93, 85) }
```

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

Here you see how a box with a 4 pixel rgb(11, 93, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 93, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 93, 85);  
box-shadow:4px 4px 4px 4px rgb(11, 93, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 24.680, 184.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 93, 85) }
```

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

```
.background{ background-color: rgb(11, 93,  
85) }
```

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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