

Converting Colors

CIELCh(40, 25.315, 186.612)

Have a look what the booklet for
CIELCh(40, 25.315, 186.612)
contains.

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Color

CIELCh(40, 25.315, 186.612)

Conversions

Conversions Part 1

Format	Color
Hex	186962
RGB	24, 105, 98
RGB Percent	9%, 41%, 38%
CMY	0.9041, 0.5871, 0.6145
CMYK	0.77, 0.00, 0.07, 0.59
HSL	175°, 62%, 25%
HSV	175°, 77%, 41%
XYZ	7.6876, 11.2510, 13.3938
YIQ	79.9830, -46.0290, -19.3490

Conversions

Conversions Part 2

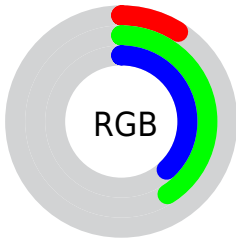
Format	Color
R_{YB}	24, 66, 105
Decimal	1599842
CIE _{Lab}	40.00, -25.15, -2.91
CIE _{LCh}	40, 25.315, 186.612
Yxy	11.2510, 0.2378, 0.3480
Android (android.graphics.Color)	4279789922 (0xFF186962)
YUV	79.9830, 8.8824, -49.0971
Hunter-Lab	33.5425, -17.7887, -0.1952

Details

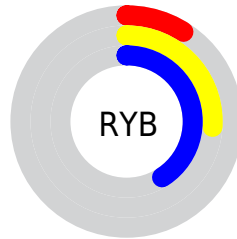
The CIELCh color **40, 25.315, 186.612** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23, 39.755, 25.349**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 25.253, 186.760**, and **21, 18.474, 185.454** is the 20% darker color. If you saturate the color by 10%, you get **40, 26.765, 185.752**, and if you desaturate by 10%, it is **40, 23.365, 187.417**.

Distribution



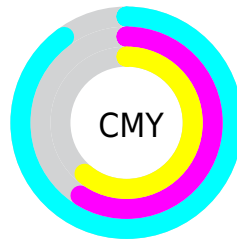
- Red (9%)
- Green (41%)
- Blue (38%)



- Red (9%)
- Yellow (26%)
- Blue (41%)



- Cyan (77%)
- Magenta (0%)
- Yellow (7%)
- Black (59%)





- Cyan (90%)
- Magenta (59%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 25.315, 186.612 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 40, 25.315, 186.612 by changing the saturation by 10% instead.


 40, 25.315,
186.612


 40, 25.315,
186.612


 100, 25.315,
186.612


 30, 25.315,
186.612


 60, 25.315,
186.612


 20, 25.315,
186.612

 70, 25.315,
186.612

 10, 25.315,
186.612

 80, 25.315,
186.612

 0, 25.315, 186.612

 90, 25.315,
186.612

 40, 25.315,

 40, 25.315,

186.612

186.612

■ 40, 26.765,
185.752

■ 40, 23.365,
187.417

■ 40, 27.835,
184.855

■ 41, 20.924,
188.186

■ 40, 28.174,
184.577

■ 41, 18.023,
188.930

■ 42, 14.711,
189.658

■ 42, 11.048,
190.379

■ 43, 7.098, 191.103

■ 44, 2.926, 191.873

■ 45, 1.411, 12.218

■ 46, 5.862, 13.095

Harmonies

Complementary

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



40, 25.315, 186.612



23, 39.755, 25.349

Rectangle

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



40, 25.315, 186.612



40, 25.315, 236.612



40, 25.315, 6.612



40, 25.315, 56.612

Sweetspot

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



40, 25.315, 186.611



55, 11.925, 190.604



39, 53.375, 136.429



28, 8.132, 190.409



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



40, 25.315, 186.611



51, 33.408, 185.034



29, 23.842, 259.917



22, 2.448, 191.691



44, 30.451, 184.445



87, 52.679, 183.798

Inverse Universe

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



23, 39.755, 25.349



29, 58.333, 32.401



29, 34.264, 57.095



21, 2.560, 12.834



23, 54.741, 34.071



51, 97.754, 37.220

Previews

White Background



This preview shows how the CIELCh color 40, 25.315, 186.612 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 × Fail

Black Background



This preview shows how the CIELCh color 40, 25.315, 186.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

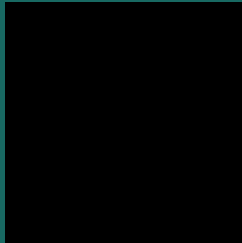
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 25.315, 186.612

Background



This preview shows how black text looks on a background with the CIELCh color 40, 25.315, 186.612.



This preview shows how white text looks on a background with the CIELCh color 40, 25.315, 186.612.

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
40, 25.315, 186.612

Protanopia
40, 1.753, 63.256

Deuteranopia
40, 7.180, 322.143



Tritanopia
40, 21.344, 212.161

Trichromacy



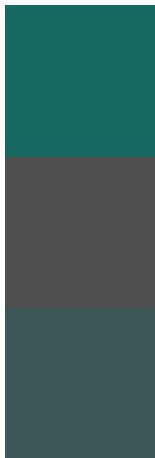
Original Color
40, 25.315, 186.612

Protanomaly
39, 10.810, 188.205

Deuteranomaly
39, 9.124, 214.030

Tritanomaly
40, 22.306, 201.594

Monochromacy



Original Color
40, 25.315, 186.612

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 11.447, 191.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 25.315, 186.612 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(24, 105, 98)` looks like.

```
.text, #text, p{  
    color:rgb(24, 105, 98)  
}
```

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(24, 105, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 105, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 25.315, 186.612 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(24, 105, 98) }
```

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

```
.border{ border-color:rgb(24, 105, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 105, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 105, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 105, 98);  
box-shadow:4px 4px 4px 4px rgb(24, 105,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 25.315, 186.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 105, 98) }
```

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

```
.background{ background-color: rgb(24, 105,  
98) }
```

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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