

Converting Colors

CIELCh(25, 17.491, 187.763)

Have a look what the booklet for
CIELCh(25, 17.491, 187.763)
contains.

CIELCh(25, 17.316, 187.741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(25, 17.316, 187.741)

Conversions

Conversions Part 1

Format	Color
Hex	11423E
RGB	17, 66, 62
RGB Percent	7%, 26%, 24%
CMY	0.9315, 0.7397, 0.7554
CMYK	0.74, 0.00, 0.06, 0.74
HSL	175°, 58%, 16%
HSV	175°, 74%, 26%
XYZ	3.0892, 4.4155, 5.2995
YIQ	50.8930, -27.9200, -11.6320

Conversions

Conversions Part 2

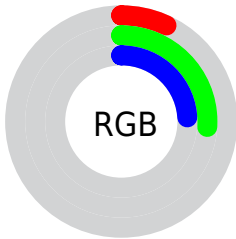
Format	Color
R_{YB}	17, 43, 66
Decimal	1131070
CIE Lab	25.00, -17.16, -2.33
CIE LCh	25, 17.316, 187.741
Yxy	4.4155, 0.2413, 0.3448
Android (android.graphics.Color)	4279321150 (0xFF11423E)
YUV	50.8930, 5.4758, -29.7242
Hunter-Lab	21.0130, -10.5307, -0.2437

Details

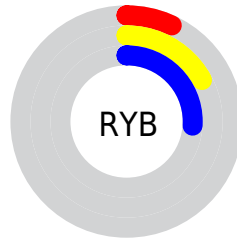
The CIELCh color **25, 17.316, 187.741** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 26.015, 23.112**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 17.171, 187.379**, and **7, 9.634, 177.343** is the 20% darker color. If you saturate the color by 10%, you get **25, 18.572, 187.005**, and if you desaturate by 10%, it is **25, 15.743, 188.443**.

Distribution



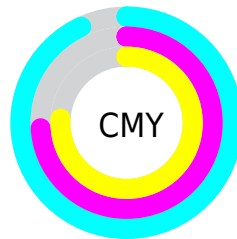
- Red (7%)
- Green (26%)
- Blue (24%)



- Red (7%)
- Yellow (17%)
- Blue (26%)



- Cyan (74%)
- Magenta (0%)
- Yellow (6%)
- Black (74%)





- Cyan (93%)
- Magenta (74%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 17.316, 187.741 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 25, 17.316, 187.741 by changing the saturation by 10% instead.


 25, 17.316,
187.741


 25, 17.316,
187.741

 100, 17.316,
187.741


 15, 17.316,
187.741


 45, 17.316,
187.741


 5, 17.316, 187.741

 55, 17.316,
187.741

 0, 17.316, 187.741

 65, 17.316,
187.741

 75, 17.316,
187.741

 85, 17.316,
187.741

 95, 17.316,

187.741

■ 25, 17.316,
187.741

■ 25, 17.316,
187.741

■ 25, 18.572,
187.005

■ 25, 15.743,
188.443

■ 25, 19.644,
186.274

■ 26, 13.869,
189.125

■ 25, 20.338,
185.849

■ 26, 11.720,
189.794

■ 26, 9.329, 190.456

■ 27, 6.735, 191.118

■ 27, 3.975, 191.794

■ 28, 1.087, 192.606

■ 29, 1.896, 12.896

■ 29, 4.944, 13.620

Harmonies

Complementary

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



25, 17.316, 187.741



13, 26.015, 23.112

Rectangle

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



25, 17.316, 187.741



25, 17.316, 237.741



25, 17.316, 7.741



25, 17.316, 57.741

Sweetspot

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



25, 17.316, 187.740



35, 7.827, 191.168



24, 36.019, 137.300



17, 5.165, 191.111



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



25, 17.316, 187.740



33, 23.177, 186.381



18, 16.250, 259.423



12, 1.630, 192.165



36, 26.428, 185.278



81, 49.054, 184.483

Inverse Universe

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



13, 26.015, 23.112



17, 38.576, 28.708



18, 21.965, 59.276



12, 1.696, 13.119



18, 46.730, 31.960



47, 91.550, 37.229

Previews

White Background



This preview shows how the CIELCh color 25, 17.316, 187.741 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 25, 17.316, 187.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

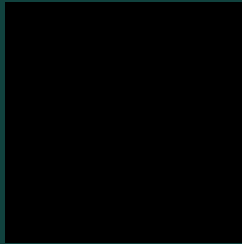
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 17.316, 187.741

Background



This preview shows how black text looks on a background with the CIELCh color 25, 17.316, 187.741.



This preview shows how white text looks on a background with the CIELCh color 25, 17.316, 187.741.

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
25, 17.316, 187.741

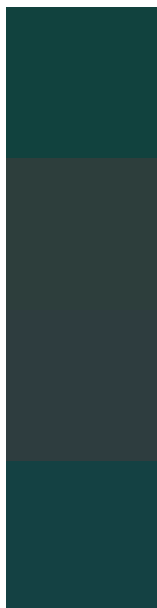
Protanopia
25, 1.121, 55.173

Deuteranopia
25, 4.562, 320.148



Tritanopia
25, 14.881, 210.094

Trichromacy



Original Color
25, 17.316, 187.741

Protanomaly
25, 7.404, 187.822

Deuteranomaly
25, 6.394, 210.388

Tritanomaly
25, 15.439, 201.913

Monochromacy



Original Color
25, 17.316, 187.741

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 7.856, 188.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 17.316, 187.741 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(17, 66, 62)` looks like.

```
.text, #text, p{  
    color:rgb(17, 66, 62)  
}
```

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(17, 66, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 66, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 17.316, 187.741 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(17, 66, 62) }
```

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

```
.border{ border-color:rgb(17, 66, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 66, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 66, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 66, 62);  
box-shadow:4px 4px 4px 4px rgb(17, 66, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 17.316, 187.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 66, 62) }
```

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

```
.background{ background-color: rgb(17, 66,  
62) }
```

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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