

Converting Colors

CIELCh(26, 15.318, 187.015)

Have a look what the booklet for
CIELCh(26, 15.318, 187.015)
contains.

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Color

CIELCh(26, 15.318, 187.015)

Conversions

Conversions Part 1	
Format	Color
Hex	1C4440
RGB	28, 68, 64
RGB Percent	11%, 27%, 25%
CMY	0.8903, 0.7335, 0.7491
CMYK	0.59, 0.00, 0.06, 0.73
HSL	174°, 42%, 19%
HSV	174°, 59%, 27%
XYZ	3.4676, 4.7465, 5.5791
YIQ	55.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

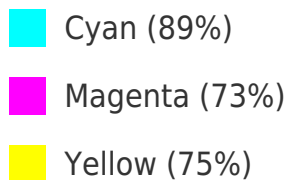
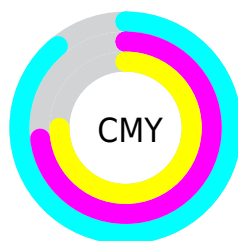
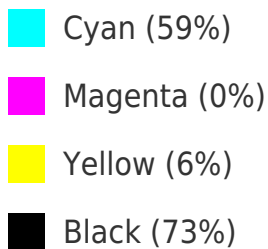
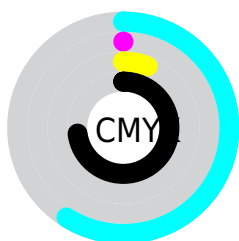
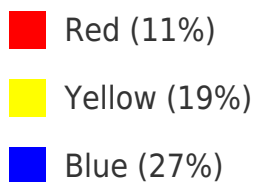
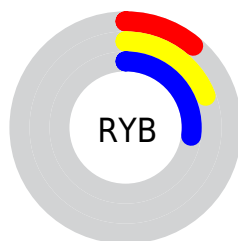
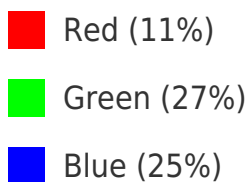
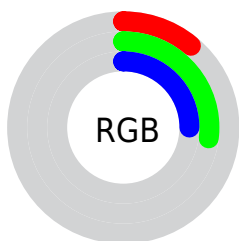
Format	Color
RYB	28, 49, 68
Decimal	1852480
CIELab	26.00, -15.20, -1.87
CIELCh	26, 15.318, 187.015
Yxy	4.7465, 0.2514, 0.3441
Android (android.graphics.Color)	4280042560 (0xFF1C4440)
YUV	55.5840, 4.1491, -24.1912
Hunter-Lab	21.7865, -9.7159, 0.0674

Details

The CIELCh color **26, 15.318, 187.015** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16, 20.782, 18.269**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 15.117, 188.610**, and **7, 9.959, 181.502** is the 20% darker color. If you saturate the color by 10%, you get **26, 17.109, 186.237**, and if you desaturate by 10%, it is **26, 13.233, 187.760**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 15.318, 187.015 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 26, 15.318, 187.015 by changing the saturation by 10% instead.

 26, 15.318,
187.015


 26, 15.318,
187.015

 100, 15.318,
187.015


 16, 15.318,
187.015


 46, 15.318,
187.015


 6, 15.318, 187.015

 56, 15.318,
187.015

 0, 15.318, 187.015

 66, 15.318,
187.015

 76, 15.318,
187.015

 86, 15.318,
187.015

 96, 15.318,

187.015

■ 26, 15.318,
187.015

■ 26, 15.318,
187.015

■ 26, 17.109,
186.237

■ 26, 13.233,
187.760

■ 26, 18.584,
185.419

■ 27, 10.887,
188.485

■ 25, 19.756,
184.558

■ 27, 8.316, 189.198

■ 25, 20.892,
183.757

■ 28, 5.560, 189.906

■ 28, 2.660, 190.640

■ 25, 21.024,
183.670

■ 29, 0.350, 10.515

■ 30, 3.437, 11.823

■ 30, 6.572, 12.522

■ 31, 9.733, 13.190

Harmonies

Complementary

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



26, 15.318, 187.015



16, 20.782, 18.269

Rectangle

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



26, 15.318, 187.015



26, 15.318, 237.015



26, 15.318, 7.015



26, 15.318, 57.015

Sweetspot

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



26, 15.318, 187.013



37, 6.657, 189.913



25, 29.999, 137.732



18, 4.651, 189.801



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 15.318, 187.013



34, 21.542, 185.821



21, 13.211, 250.766



12, 1.637, 190.670



36, 26.916, 183.045



81, 50.049, 182.111

Inverse Universe

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



16, 20.782, 18.269



20, 31.872, 21.999



20, 17.334, 57.195



12, 1.701, 11.671



18, 46.408, 31.206



47, 90.637, 36.407

Previews

White Background



This preview shows how the CIELCh color 26, 15.318, 187.015 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 26, 15.318, 187.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

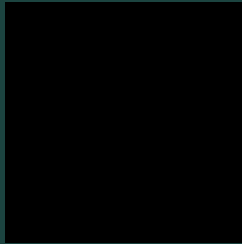
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 15.318, 187.015

Background



This preview shows how black text looks on a background with the CIELCh color 26, 15.318, 187.015.



This preview shows how white text looks on a background with the CIELCh color 26, 15.318, 187.015.

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

26, 15.318, 187.015

Protanopia

26, 1.114, 55.176

Deuteranopia

26, 4.538, 320.138



Tritanopia
26, 13.285, 211.862

Trichromacy

	Original Color 26, 15.318, 187.015
	Protanomaly 26, 6.420, 180.441
	Deuteranomaly 26, 4.831, 214.521
	Tritanomaly 26, 13.590, 202.877

Monochromacy

	Original Color 26, 15.318, 187.015
	Achromatopsia 24, 0.004, 296.813
	Achromatomaly 24, 6.090, 192.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 15.318, 187.015 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(28, 68, 64)` looks like.

```
.text, #text, p{  
    color:rgb(28, 68, 64)  
}
```

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(28, 68, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 68, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 15.318, 187.015 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(28, 68, 64) }
```

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

```
.border{ border-color:rgb(28, 68, 64) }
```

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

Here you see how a box with a 4 pixel rgb(28, 68, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 68, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 68, 64);  
box-shadow:4px 4px 4px 4px rgb(28, 68, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 15.318, 187.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 68, 64) }
```

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

```
.background{ background-color: rgb(28, 68,  
64) }
```

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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