

Converting Colors

CIELCh(26, 16.501, 245.875)

Have a look what the booklet for
CIELCh(26, 16.501, 245.875)
contains.

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Color

CIELCh(26, 16.331, 244.735)

Conversions

Conversions Part 1

Format	Color
Hex	1D4254
RGB	29, 66, 84
RGB Percent	11%, 26%, 33%
CMY	0.8878, 0.7425, 0.6720
CMYK	0.66, 0.22, 0.00, 0.67
HSL	200°, 49%, 22%
HSV	200°, 66%, 33%
XYZ	4.0101, 4.7465, 9.0190
YIQ	56.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

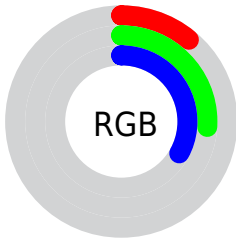
Format	Color
R _Y B	29, 51, 84
Decimal	1917524
CIE Lab	26.00, -6.97, -14.77
CIE LCh	26, 16.331, 244.735
Yxy	4.7465, 0.2256, 0.2670
Android (android.graphics.Color)	4280107604 (0xFF1D4254)
YUV	56.9890, 13.3164, -24.5464
Hunter-Lab	21.7865, -5.2708, -9.2940




Details

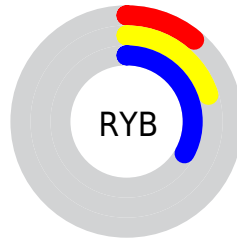
The CIELCh color **26, 16.331, 244.735** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24, 23.960, 51.298**, and the grayscale version is **24, 0.004, 296.813**.




A 20% lighter version of the original color is **46, 16.460, 245.043**, and **7, 13.342, 258.076** is the 20% darker color. If you saturate the color by 10%, you get **25, 18.097, 247.680**, and if you desaturate by 10%, it is **27, 14.349, 242.291**.

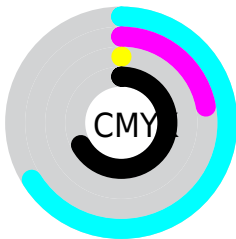
Distribution







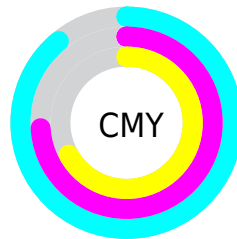
-  Red (11%)
-  Green (26%)
-  Blue (33%)






-  Red (11%)
-  Yellow (20%)
-  Blue (33%)



-  Cyan (66%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (67%)





-  Cyan (89%)
-  Magenta (74%)
-  Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 16.331, 244.735 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, 16.331, 244.735 by changing the saturation by 10% instead.

 26, 16.331,
244.735


 26, 16.331,
244.735

 100, 16.331,
244.735


 16, 16.331,
244.735


 46, 16.331,
244.735


 6, 16.331, 244.735

 56, 16.331,
244.735

 0, 16.331, 244.735

 66, 16.331,
244.735

 76, 16.331,
244.735

 86, 16.331,
244.735

 96, 16.331,

244.735

■ 26, 16.331,
244.735

■ 26, 16.331,
244.735

■ 25, 18.097,
247.680

■ 27, 14.349,
242.291

■ 24, 19.665,
251.176

■ 29, 12.156,
240.286

■ 22, 21.151,
254.901

■ 30, 9.769, 238.651

■ 32, 7.211, 237.325

■ 22, 21.809,
256.322

■ 33, 4.507, 236.260

■ 35, 1.684, 235.472

■ 36, 1.234, 54.382

■ 38, 4.227, 53.942

■ 39, 7.274, 53.483

Harmonies

Complementary

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



26, 16.331, 244.735



24, 23.960, 51.298

Rectangle

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



26, 16.331, 244.735



26, 16.331, 294.735



26, 16.331, 64.735



26, 16.331, 114.735

Sweetspot

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



26, 16.330, 244.735



42, 7.067, 236.752



31, 32.341, 148.759



21, 4.843, 236.938



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



26, 16.330, 244.735



32, 23.020, 249.706



17, 31.111, 292.184



16, 1.582, 235.659



28, 25.840, 257.960



61, 48.093, 261.766

Inverse Universe

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



21, 32.163, 340.550



25, 45.044, 342.427



31, 27.893, 94.300



15, 2.782, 335.901



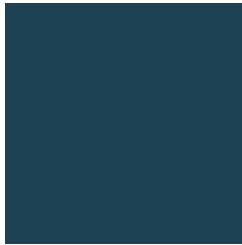
22, 47.629, 345.629



51, 84.311, 347.277

Previews

White Background



This preview shows how the CIELCh color 26, 16.331, 244.735 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 CIE LCh color 26, 16.331, 244.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

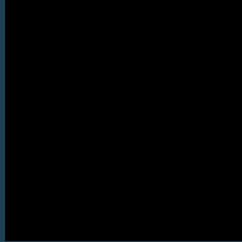
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 16.331, 244.735

Background



This preview shows how black text looks on a background with the CIELCh color 26, 16.331, 244.735.



This preview shows how white text looks on a background with the CIELCh color 26, 16.331, 244.735.

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

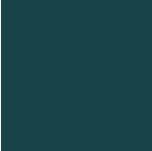
26, 16.331, 244.735

Protanopia

26, 12.543, 283.683

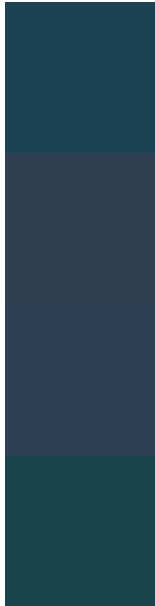
Deuteranopia

26, 15.841, 283.756



Tritanopia
26, 15.408, 209.531

Trichromacy



Original Color
26, 16.331, 244.735

Protanomaly
26, 13.113, 263.714

Deuteranomaly
26, 15.488, 268.358

Tritanomaly
26, 15.120, 223.405

Monochromacy



Original Color
26, 16.331, 244.735

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 6.936, 240.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 16.331, 244.735 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(29, 66, 84)` looks like.

```
.text, #text, p{  
    color:rgb(29, 66, 84)  
}
```

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(29, 66, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 66, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 16.331, 244.735 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(29, 66, 84) }
```

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

```
.border{ border-color:rgb(29, 66, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 66, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 66, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 66, 84);  
box-shadow:4px 4px 4px 4px rgb(29, 66, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 16.331, 244.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 66, 84) }
```

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

```
.background{ background-color: rgb(29, 66,  
84) }
```

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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