

Converting Colors

CIELCh(26, 21.911, 305.949)

Have a look what the booklet for
CIELCh(26, 21.911, 305.949)
contains.

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Color

CIELCh(26, 22.129, 305.280)

Conversions

Conversions Part 1

Format	Color
Hex	433859
RGB	67, 56, 89
RGB Percent	26%, 22%, 35%
CMY	0.7372, 0.7803, 0.6509
CMYK	0.25, 0.37, 0.00, 0.65
HSL	260°, 23%, 28%
HSV	260°, 37%, 35%
XYZ	5.5360, 4.7465, 10.0811
YIQ	63.0510, -4.0370, 12.5950

Conversions

Conversions Part 2

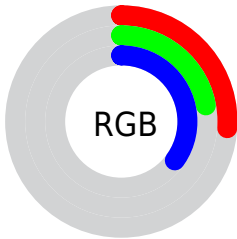
Format	Color
RYB	67, 56, 89
Decimal	4405337
CIELab	26.00, 12.78, -18.06
CIELCh	26, 22.129, 305.280
Yxy	4.7465, 0.2719, 0.2331
Android (android.graphics.Color)	4282595417 (0xFF433859)
YUV	63.0510, 12.7929, 3.4633
Hunter-Lab	21.7865, 7.2308, -12.1843

Details

The CIELCh color **26, 22.129, 305.280** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **36, 20.702, 121.164**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 22.055, 305.554**, and **6, 21.723, 305.103** is the 20% darker color. If you saturate the color by 10%, you get **23, 28.474, 306.022**, and if you desaturate by 10%, it is **29, 15.920, 304.591**.

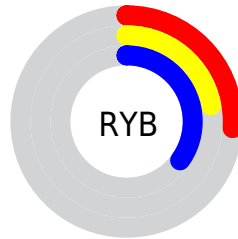
Distribution



Red (26%)

Green (22%)

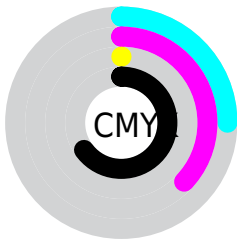
Blue (35%)



Red (26%)

Yellow (22%)

Blue (35%)

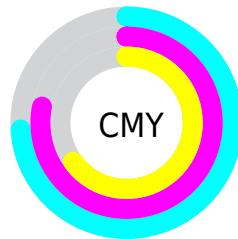


Cyan (25%)

Magenta (37%)

Yellow (0%)

Black (65%)



Cyan (74%)


Magenta (78%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 22.129, 305.280 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, 22.129, 305.280 by changing the saturation by 10% instead.

 26, 22.129,
305.280


 26, 22.129,
305.280

 100, 22.129,
305.280


 16, 22.129,
305.280


 46, 22.129,
305.280


 6, 22.129, 305.280

 56, 22.129,
305.280

 0, 22.129, 305.280

 66, 22.129,
305.280

 76, 22.129,
305.280

 86, 22.129,
305.280

 96, 22.129,

305.280

■ 26, 22.129,
305.280

■ 26, 22.129,
305.280

■ 23, 28.474,
306.022

■ 29, 15.920,
304.591

■ 20, 34.887,
306.794

■ 32, 9.884, 303.964

■ 17, 41.233,
307.557

■ 36, 4.031, 303.399

■ 39, 1.637, 122.930

■ 14, 47.275,
308.240

■ 42, 7.125, 122.475

■ 12, 52.644,
308.739

■ 45, 12.439,
122.088

■ 10, 57.687,
309.260

■ 48, 17.589,
121.750

■ 9, 59.376, 309.525

■ 51, 22.583,
121.457

■ 54, 27.430,
121.202

Harmonies

Complementary

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



26, 22.129, 305.280



36, 20.702, 121.164

Rectangle

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



26, 22.129, 305.280



26, 22.129, 355.280



26, 22.129, 125.280



26, 22.129, 175.280

Sweetspot

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



26, 22.128, 305.280



44, 7.783, 303.634



32, 10.630, 239.802



22, 5.277, 303.679



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



26, 22.128, 305.280



31, 32.746, 305.894



28, 23.999, 321.337



16, 3.130, 303.490



12, 67.763, 309.285



33, 121.423, 308.640

Inverse Universe

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



28, 19.911, 338.286



34, 28.961, 338.982



35, 23.712, 137.869



16, 2.916, 336.190



22, 48.235, 346.167



52, 84.671, 347.815

Previews

White Background



This preview shows how the CIE LCh color 26, 22.129, 305.280 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, 22.129, 305.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

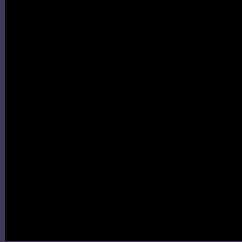
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 22.129, 305.280

Background



This preview shows how black text looks on a background with the CIELCh color 26, 22.129, 305.280.



This preview shows how white text looks on a background with the CIELCh color 26, 22.129, 305.280.

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, 22.129, 305.280

Protanopia

26, 21.066, 284.738

Deuteranopia

26, 17.849, 283.110



Tritanopia
26, 3.406, 305.821

Trichromacy



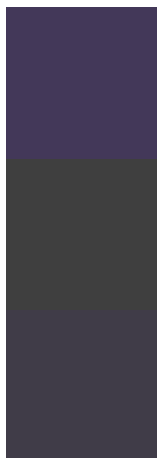
Original Color
26, 22.129, 305.280

Protanomaly
26, 21.611, 292.492

Deuteranomaly
26, 19.021, 291.706

Tritanomaly
26, 10.111, 304.124

Monochromacy



Original Color
26, 22.129, 305.280

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 8.081, 303.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 22.129, 305.280 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(67, 56, 89)` looks like.

```
.text, #text, p{  
    color:rgb(67, 56, 89)  
}
```

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(67, 56, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 56, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 22.129, 305.280 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(67, 56, 89) }
```

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

```
.border{ border-color:rgb(67, 56, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 56, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 56, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 56, 89);  
box-shadow:4px 4px 4px 4px rgb(67, 56, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 22.129, 305.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 56, 89) }
```

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

```
.background{ background-color: rgb(67, 56,  
89) }
```

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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