

Converting Colors

CIELCh(26, 22.323, 307.296)

Have a look what the booklet for
CIELCh(26, 22.323, 307.296)
contains.

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Color

CIELCh(26, 22.269, 307.273)

Conversions

Conversions Part 1

Format	Color
Hex	453859
RGB	69, 56, 89
RGB Percent	27%, 22%, 35%
CMY	0.7312, 0.7821, 0.6529
CMYK	0.23, 0.37, 0.00, 0.65
HSL	264°, 23%, 28%
HSV	264°, 37%, 35%
XYZ	5.5966, 4.7465, 9.9665
YIQ	63.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

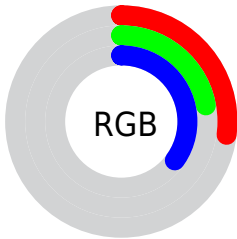
Format	Color
R_{YB}	69, 56, 89
Decimal	4536409
CIE _{Lab}	26.00, 13.49, -17.72
CIE _{LCh}	26, 22.269, 307.273
Yxy	4.7465, 0.2756, 0.2337
Android (android.graphics.Color)	4282726489 (0xFF453859)
YUV	63.6490, 12.4980, 4.6928
Hunter-Lab	21.7865, 7.7278, -11.8725

Details

The CIELCh color $[26, 22.269, 307.273]$ is a dark color, and the websafe version is hex $\#333366$. A complement of this color would be $[36, 20.958, 123.521]$, and the grayscale version is $[27, 0.004, 296.813]$.

A 20% lighter version of the original color is $[46, 22.222, 307.451]$, and $[6, 21.913, 307.400]$ is the 20% darker color. If you saturate the color by 10%, you get $[23, 28.573, 307.913]$, and if you desaturate by 10%, it is $[29, 16.072, 306.667]$.

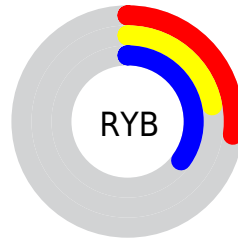
Distribution



Red (27%)

Green (22%)

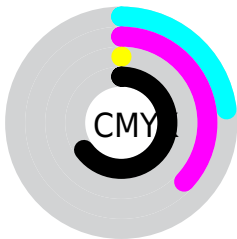
Blue (35%)



Red (27%)

Yellow (22%)

Blue (35%)

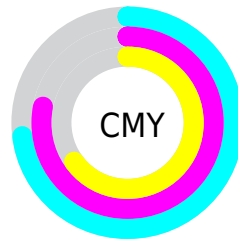


Cyan (23%)

Magenta (37%)

Yellow (0%)

Black (65%)



Cyan (73%)


Magenta (78%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 22.269, 307.273 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, 22.269, 307.273 by changing the saturation by 10% instead.

 26, 22.269,
307.273


 26, 22.269,
307.273

 100, 22.269,
307.273


 16, 22.269,
307.273


 46, 22.269,
307.273


 6, 22.269, 307.273

 56, 22.269,
307.273

 0, 22.269, 307.273

 66, 22.269,
307.273

 76, 22.269,
307.273

 86, 22.269,
307.273

 96, 22.269,

307.273

■ 26, 22.269,
307.273

■ 26, 22.269,
307.273

■ 23, 28.573,
307.913

■ 29, 16.072,
306.667

■ 20, 34.905,
308.562

■ 32, 10.026,
306.107

■ 17, 41.118,
309.180

■ 35, 4.150, 305.594

■ 15, 46.973,
309.699

■ 38, 1.551, 125.180

■ 12, 52.117,
310.026

■ 42, 7.077, 124.754

■ 10, 56.948,
310.369

■ 45, 12.434,
124.395

■ 48, 17.628,
124.080

■ 10, 58.464,
310.558

■ 51, 22.668,
123.806

■ 54, 27.562,
123.567

Harmonies

Complementary

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



26, 22.269, 307.273



36, 20.958, 123.521

Rectangle

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



26, 22.269, 307.273



26, 22.269, 357.273



26, 22.269, 127.273



26, 22.269, 177.273

Sweetspot

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



26, 22.268, 307.273



44, 7.856, 305.800



31, 10.882, 246.655



22, 5.327, 305.841



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, 22.268, 307.273



31, 33.686, 307.861



28, 24.269, 322.855



16, 3.160, 305.669



13, 66.987, 310.293



35, 120.020, 309.595

Inverse Universe

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



28, 19.132, 341.193



34, 28.468, 342.066



35, 24.083, 139.162



16, 2.793, 338.894



22, 46.715, 350.737



51, 82.061, 352.867

Previews

White Background



This preview shows how the CIE LCh color 26, 22.269, 307.273 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, 22.269, 307.273 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, 22.269, 307.273

Background



This preview shows how black text looks on a background with the CIELCh color 26, 22.269, 307.273.

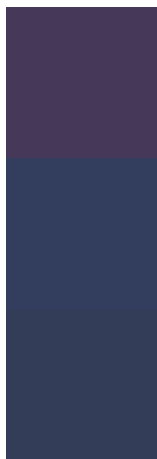


This preview shows how white text looks on a background with the CIELCh color 26, 22.269, 307.273.

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, 22.269, 307.273

Protanopia

26, 21.066, 284.738

Deuteranopia

26, 17.216, 282.517



Tritanopia
26, 3.751, 319.083

Trichromacy



Original Color
26, 22.269, 307.273

Protanomaly
26, 20.964, 292.305

Deuteranomaly
26, 19.015, 292.808

Tritanomaly
26, 11.093, 309.970

Monochromacy



Original Color
26, 22.269, 307.273

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 8.183, 306.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 22.269, 307.273 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(69, 56, 89)` looks like.

```
.text, #text, p{  
    color:rgb(69, 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(69, 56, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 56, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 22.269, 307.273 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(69, 56, 89) }
```

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

```
.border{ border-color:rgb(69, 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(69, 56, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 56, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 56, 89);  
box-shadow:4px 4px 4px 4px rgb(69, 56, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 22.269, 307.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 56, 89) }
```

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

```
.background{ background-color: rgb(69, 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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