

Converting Colors

CIELCh(26, 90.352, 303.179)

Have a look what the booklet for
CIELCh(26, 90.352, 303.179)
contains.

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Color

CIELCh(26, 90.564, 303.251)

Conversions

Conversions Part 1

Format	Color
Hex	1823B5
RGB	24, 35, 181
RGB Percent	9%, 14%, 71%
CMY	0.9076, 0.8621, 0.2893
CMYK	0.87, 0.81, 0.00, 0.29
HSL	236°, 77%, 40%
HSV	236°, 87%, 71%
XYZ	9.3352, 4.7465, 44.2566
YIQ	48.3550, -53.4220, 43.0740

Conversions

Conversions Part 2

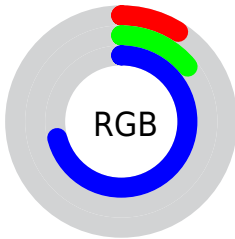
Format	Color
R_{YB}	24, 34, 181
Decimal	1582005
CIE _{Lab}	26.00, 49.66, -75.74
CIE _{LCh}	26, 90.564, 303.251
Yxy	4.7465, 0.1600, 0.0814
Android (android.graphics.Color)	4279772085 (0xFF1823B5)
YUV	48.3550, 65.3940, -21.3593
Hunter-Lab	21.7865, 38.3583, -105.1900

Details

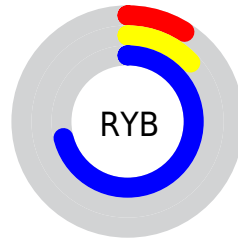
The CIELCh color **26, 90.564, 303.251** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **68, 68.121, 98.752**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 90.291, 303.216**, and **13, 79.820, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **23, 98.409, 305.010**, and if you desaturate by 10%, it is **30, 80.365, 300.984**.

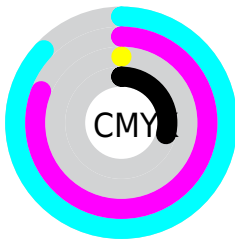
Distribution



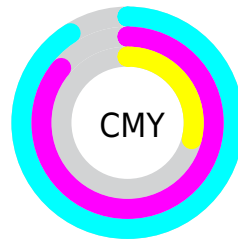
- Red (9%)
- Green (14%)
- Blue (71%)



- Red (9%)
- Yellow (13%)
- Blue (71%)



- Cyan (87%)
- Magenta (81%)
- Yellow (0%)
- Black (29%)





- Cyan (91%)
- Magenta (86%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 90.564, 303.251 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, 90.564, 303.251 by changing the saturation by 10% instead.

 26, 90.564,
303.251


 26, 90.564,
303.251

 100, 90.564,
303.251


 16, 90.564,
303.251


 46, 90.564,
303.251


 6, 90.564, 303.251

 56, 90.564,
303.251

 0, 90.564, 303.251

 66, 90.564,
303.251

 76, 90.564,
303.251

 86, 90.564,
303.251

 96, 90.564,

303.251

■ 26, 90.564,
303.251

■ 26, 90.564,
303.251

■ 23, 98.409,
305.010

■ 30, 80.365,
300.984

■ 22, 100.146,
305.364

■ 35, 69.160,
298.532

■ 40, 57.818,
296.146

■ 46, 46.739,
293.969

■ 52, 36.060,
292.054

■ 58, 25.799,
290.402

■ 64, 15.936,
288.992

■ 70, 6.443, 287.797

■ 76, 2.710, 106.724

Harmonies

Complementary

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



26, 90.564, 303.251



68, 68.121, 98.752

Rectangle

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



26, 90.564, 303.251



26, 90.564, 353.251



26, 90.564, 123.251



26, 90.564, 173.251

Sweetspot

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



26, 90.565, 303.252



74, 30.619, 290.317



67, 40.328, 185.728



37, 20.877, 290.845



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



26, 90.565, 303.252



30, 122.421, 305.572



30, 91.404, 310.566



36, 5.297, 288.059



19, 88.941, 305.198



1, 14.546, 288.062

Inverse Universe

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



39, 69.949, 31.934



49, 95.194, 37.669



67, 77.551, 123.777



36, 4.016, 13.962



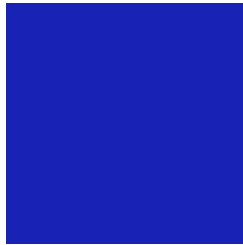
32, 69.125, 36.545



2, 10.682, 14.934

Previews

White Background



This preview shows how the CIE LCh color 26, 90.564, 303.251 looks on a white background.

Color Contrast Check

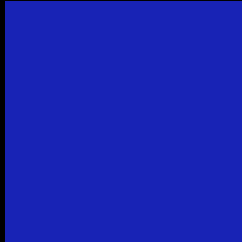
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.564, 303.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

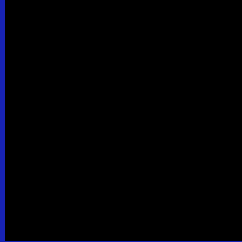
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 90.564, 303.251

Background



This preview shows how black text looks on a background with the CIELCh color 26, 90.564, 303.251.



This preview shows how white text looks on a background with the CIELCh color 26, 90.564, 303.251.

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, 90.535, 303.293

Protanopia

26, 42.849, 284.367

Deuteranopia

26, 29.477, 268.969



Tritanopia
26, 19.125, 202.495

Trichromacy



Original Color
26, 90.535, 303.293

Protanomaly
25, 60.994, 295.276

Deuteranomaly
25, 51.698, 291.483

Tritanomaly
24, 36.857, 282.091

Monochromacy



Original Color
26, 90.535, 303.293

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 35.851, 296.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 90.564, 303.251 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(24, 35, 181)` looks like.

```
.text, #text, p{  
    color:rgb(24, 35, 181)  
}
```

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(24, 35, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 35, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 90.564, 303.251 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(24, 35, 181) }
```

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

```
.border{ border-color:rgb(24, 35, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 35, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 35, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 35, 181);  
box-shadow:4px 4px 4px 4px rgb(24, 35,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 90.564, 303.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 35, 181) }
```

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

```
.background{ background-color: rgb(24, 35,  
181) }
```

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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