

Converting Colors

CIELCh(26, 25.890, 323.509)

Have a look what the booklet for
CIELCh(26, 25.890, 323.509)
contains.

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Color

CIELCh(26, 26.084, 323.934)

Conversions

Conversions Part 1

Format	Color
Hex	523255
RGB	82, 50, 85
RGB Percent	32%, 20%, 33%
CMY	0.6780, 0.8035, 0.6662
CMYK	0.04, 0.41, 0.00, 0.67
HSL	295°, 26%, 27%
HSV	295°, 41%, 33%
XYZ	6.2784, 4.7465, 9.2025
YIQ	63.5580, 7.8370, 17.6690

Conversions

Conversions Part 2

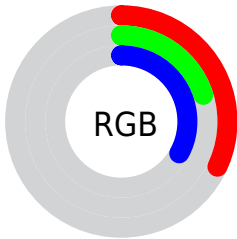
Format	Color
RYB	82, 50, 85
Decimal	5386837
CIELab	26.00, 21.08, -15.36
CIElCh	26, 26.084, 323.934
Yxy	4.7465, 0.3104, 0.2347
Android (android.graphics.Color)	4283576917 (0xFF523255)
YUV	63.5580, 10.5709, 16.1736
Hunter-Lab	21.7865, 13.3138, -9.7933

Details

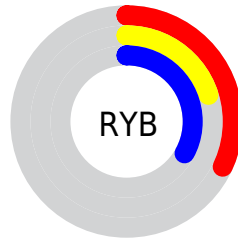
The CIELCh color $26, 26.084, 323.934$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $33, 25.948, 139.664$, and the grayscale version is $27, 0.004, 296.813$.

A 20% lighter version of the original color is $46, 26.243, 323.643$, and $6, 26.160, 323.503$ is the 20% darker color. If you saturate the color by 10%, you get $24, 32.094, 324.321$, and if you desaturate by 10%, it is $28, 19.814, 323.509$.

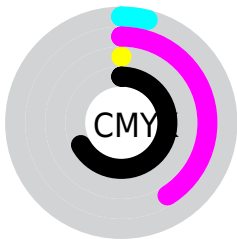
Distribution



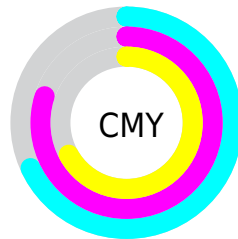
- Red (32%)
- Green (20%)
- Blue (33%)



- Red (32%)
- Yellow (20%)
- Blue (33%)



- Cyan (4%)
- Magenta (41%)
- Yellow (0%)
- Black (67%)





- Cyan (68%)
- Magenta (80%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 26.084, 323.934 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, 26.084, 323.934 by changing the saturation by 10% instead.

 26, 26.084,
323.934


 26, 26.084,
323.934

 100, 26.084,
323.934


 16, 26.084,
323.934


 46, 26.084,
323.934


 6, 26.084, 323.934

 56, 26.084,
323.934

 0, 26.084, 323.934

 66, 26.084,
323.934

 76, 26.084,
323.934

 86, 26.084,
323.934

 96, 26.084,

323.934

■ 26, 26.084,
323.934

■ 26, 26.084,
323.934

■ 24, 32.094,
324.321

■ 28, 19.814,
323.509

■ 22, 37.664,
324.652

■ 31, 13.432,
323.061

■ 20, 42.580,
324.906

■ 33, 7.040, 322.599

■ 19, 46.620,
325.061

■ 36, 0.713, 321.987

■ 18, 49.660,
325.108

■ 39, 5.503, 141.750

■ 17, 52.249,
325.149

■ 41, 11.578,
141.313

■ 44, 17.496,
140.903

■ 47, 23.249,
140.517

■ 49, 28.838,
140.154

Harmonies

Complementary

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



26, 26.084, 323.934



33, 25.948, 139.664

Rectangle

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



26, 26.084, 323.934



26, 26.084, 13.934



26, 26.084, 143.934



26, 26.084, 193.934

Sweetspot

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



26, 26.083, 323.934



42, 9.364, 322.659



23, 20.960, 291.093



21, 6.263, 322.689



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, 26.083, 323.934



32, 37.939, 324.302



26, 20.341, 341.853



16, 3.589, 322.489



23, 61.344, 325.059



52, 109.101, 324.850

Inverse Universe

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



25, 16.995, 16.500



31, 25.494, 18.094



33, 19.845, 155.183



16, 2.138, 12.878



21, 50.770, 33.117



49, 94.603, 37.171

Previews

White Background



This preview shows how the CIELCh color 26, 26.084, 323.934 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, 26.084, 323.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

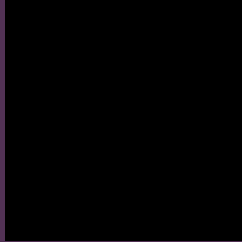
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 26.084, 323.934

Background



This preview shows how black text looks on a background with the CIELCh color 26, 26.084, 323.934.



This preview shows how white text looks on a background with the CIELCh color 26, 26.084, 323.934.

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, 26.084, 323.934

Protanopia

26, 21.743, 284.360

Deuteranopia

26, 14.471, 285.418



Tritanopia
26, 11.041, 8.056

Trichromacy



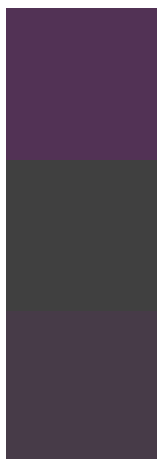
Original Color
26, 26.084, 323.934

Protanomaly
26, 22.441, 299.245

Deuteranomaly
26, 18.081, 303.666

Tritanomaly
26, 15.073, 342.215

Monochromacy



Original Color
26, 26.084, 323.934

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 10.001, 323.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 26.084, 323.934 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(82, 50, 85)` looks like.

```
.text, #text, p{  
    color:rgb(82, 50, 85)  
}
```

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(82, 50, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 50, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 26.084, 323.934 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(82, 50, 85) }
```

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

```
.border{ border-color:rgb(82, 50, 85) }
```

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

Here you see how a box with a 4 pixel rgb(82, 50, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 50, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 50, 85);  
box-shadow:4px 4px 4px 4px rgb(82, 50, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 26.084, 323.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 50, 85) }
```

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

```
.background{ background-color: rgb(82, 50,  
85) }
```

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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