

Converting Colors

CIELCh(25, 26.127, 8.854)

Have a look what the booklet for
CIELCh(25, 26.127, 8.854) contains.

CIELCh(25, 26.227, 9.048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(25, 26.227, 9.048)

Conversions

Conversions Part 1

Format	Color
Hex	602A36
RGB	96, 42, 54
RGB Percent	38%, 16%, 21%
CMY	0.6233, 0.8351, 0.7881
CMYK	0.00, 0.56, 0.44, 0.62
HSL	347°, 39%, 27%
HSV	347°, 56%, 38%
XYZ	6.3257, 4.4155, 4.0143
YIQ	59.5140, 28.3320, 15.1800

Conversions

Conversions Part 2

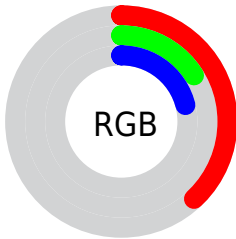
Format	Color
RYB	96, 42, 54
Decimal	6302262
CIELab	25.00, 25.90, 4.12
CIELCh	25, 26.227, 9.048
Yxy	4.4155, 0.4287, 0.2992
Android (android.graphics.Color)	4284492342 (0xFF602A36)
YUV	59.5140, -2.7184, 31.9982
Hunter-Lab	21.0130, 16.9620, 3.3824

Details

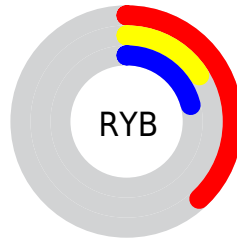
The CIELCh color **25, 26.227, 9.048** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37, 21.242, 176.171**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 26.542, 8.073**, and **6, 24.422, 12.343** is the 20% darker color. If you saturate the color by 10%, you get **23, 30.832, 11.477**, and if you desaturate by 10%, it is **27, 21.417, 7.093**.

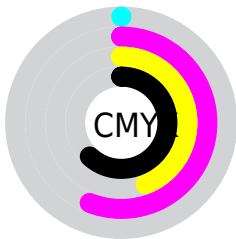
Distribution



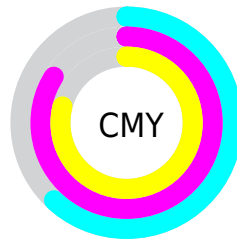
- Red (38%)
- Green (16%)
- Blue (21%)



- Red (38%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (56%)
- Yellow (44%)
- Black (62%)



- Cyan (62%)
- Magenta (84%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 26.227, 9.048 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 25, 26.227, 9.048 by changing the saturation by 10% instead.

 25, 26.227, 9.048  25, 26.227, 9.048

 100, 26.227, 9.048  15, 26.227, 9.048

 45, 26.227, 9.048  5, 26.227, 9.048

 55, 26.227, 9.048  0, 26.227, 9.048


 65, 26.227, 9.048

 75, 26.227, 9.048

 85, 26.227, 9.048

 95, 26.227, 9.048

 25, 26.227, 9.048  25, 26.227, 9.048

 23, 30.832, 11.477  27, 21.417, 7.093

21, 35.065, 14.501

30, 16.560, 5.493

20, 38.785, 18.239

33, 11.773, 4.162

19, 42.180, 22.394

36, 7.129, 3.029

18, 43.574, 23.792

39, 2.672, 2.002

42, 1.579, 181.466

45, 5.624, 180.597

48, 9.468, 179.922

51, 13.124,
179.325

Harmonies

Complementary

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



25, 26.227, 9.048



37, 21.242, 176.171

Rectangle

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



25, 26.227, 9.048



25, 26.227, 59.048



25, 26.227, 189.048



25, 26.227, 239.048

Sweetspot

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



25, 26.225, 9.050



46, 9.303, 3.167



25, 37.821, 319.963



23, 6.289, 3.305



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



25, 26.225, 9.050



30, 38.642, 12.261



28, 22.839, 45.885



18, 2.441, 2.277



22, 48.993, 24.961



50, 88.142, 28.743

Inverse Universe

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



25, 26.225, 9.050



30, 38.642, 12.261



33, 15.784, 233.448



18, 2.441, 2.277



22, 48.993, 24.961



50, 88.142, 28.743

Previews

White Background



This preview shows how the CIE LCh color 25, 26.227, 9.048 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

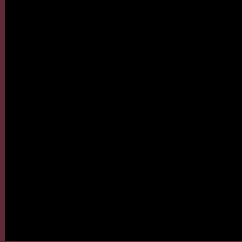
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 26.227, 9.048

Background



This preview shows how black text looks on a background with the CIELCh color 25, 26.227, 9.048.



This preview shows how white text looks on a background with the CIELCh color 25, 26.227, 9.048.

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

25, 26.227, 9.048

Protanopia

25, 2.632, 290.732

Deuteranopia

25, 6.628, 56.259



Tritanopia
25, 26.188, 21.342

Trichromacy



Original Color
25, 26.227, 9.048

Protanomaly
25, 10.299, 355.107

Deuteranomaly
25, 13.068, 19.209

Tritanomaly
25, 25.874, 17.122

Monochromacy



Original Color
25, 26.227, 9.048

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 9.886, 2.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 26.227, 9.048 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(96, 42, 54)` looks like.

```
.text, #text, p{  
    color:rgb(96, 42, 54)  
}
```

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(96, 42, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 42, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 26.227, 9.048 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(96, 42, 54) }
```

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

```
.border{ border-color:rgb(96, 42, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 42, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 42, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 42, 54);  
box-shadow:4px 4px 4px 4px rgb(96, 42, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 26.227, 9.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 42, 54) }
```

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

```
.background{ background-color: rgb(96, 42,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor