

Converting Colors

CIELCh(25, 53.145, 327.913)

Have a look what the booklet for
CIELCh(25, 53.145, 327.913)
contains.

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Color

CIELCh(25, 53.227, 327.874)

Conversions

Conversions Part 1

Format	Color
Hex	671667
RGB	103, 22, 103
RGB Percent	40%, 9%, 40%
CMY	0.5967, 0.9145, 0.5967
CMYK	0.00, 0.79, 0.00, 0.60
HSL	300°, 65%, 24%
HSV	300°, 79%, 40%
XYZ	8.2970, 4.4155, 13.2041
YIQ	55.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

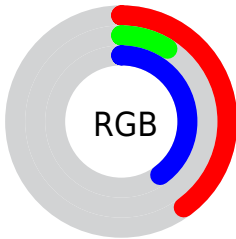
Format	Color
R_{YB}	103, 22, 103
Decimal	6755943
CIE _{Lab}	25.00, 45.08, -28.31
CIE _{LCh}	25, 53.227, 327.874
Yxy	4.4155, 0.3201, 0.1704
Android (android.graphics.Color)	4284946023 (0xFF671667)
YUV	55.4530, 23.4407, 41.6987
Hunter-Lab	21.0130, 33.7076, -22.5473

Details

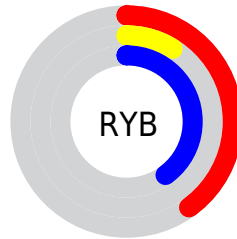
The CIELCh color **25, 53.227, 327.874** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **38, 54.350, 137.685**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 53.733, 327.809**, and **9, 39.017, 326.397** is the 20% darker color. If you saturate the color by 10%, you get **24, 56.521, 328.068**, and if you desaturate by 10%, it is **26, 48.654, 327.601**.

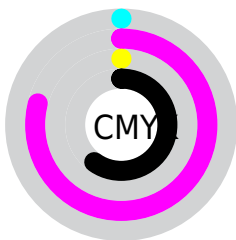
Distribution



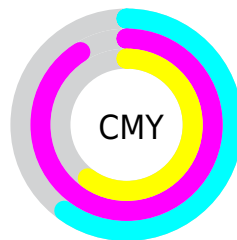
- Red (40%)
- Green (9%)
- Blue (40%)



- Red (40%)
- Yellow (9%)
- Blue (40%)



- Cyan (0%)
- Magenta (79%)
- Yellow (0%)
- Black (60%)





- Cyan (60%)
- Magenta (91%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 53.227, 327.874 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, 53.227, 327.874 by changing the saturation by 10% instead.

 25, 53.227,
327.874


 25, 53.227,
327.874

 100, 53.227,
327.874


 15, 53.227,
327.874


 45, 53.227,
327.874


 5, 53.227, 327.874

 55, 53.227,
327.874

 0, 53.227, 327.874

 65, 53.227,
327.874

 75, 53.227,
327.874

 85, 53.227,
327.874

 95, 53.227,

327.874

■ 25, 53.227,
327.874

■ 25, 53.227,
327.874

■ 24, 56.521,
328.068

■ 26, 48.654,
327.601

■ 23, 59.008,
328.212

■ 28, 42.989,
327.254

■ 23, 59.312,
328.229

■ 30, 36.480,
326.847

■ 33, 29.385,
326.392

■ 35, 21.936,
325.903

■ 38, 14.319,
325.394

■ 41, 6.676, 324.867

■ 44, 0.895, 144.557

■ 47, 8.328, 143.897

Harmonies

Complementary

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



25, 53.227, 327.874



38, 54.350, 137.685

Rectangle

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



25, 53.227, 327.874



25, 53.227, 17.874



25, 53.227, 147.874



25, 53.227, 197.874

Sweetspot

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



25, 53.226, 327.874



47, 22.536, 325.694



14, 54.779, 302.214



22, 15.353, 325.823



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



25, 53.226, 327.874



31, 69.984, 328.175



23, 39.450, 352.446



20, 4.229, 324.873



26, 64.101, 328.229



57, 111.165, 328.229

Inverse Universe

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



22, 41.870, 31.800



27, 60.866, 37.588



38, 38.290, 153.618



19, 2.443, 19.838



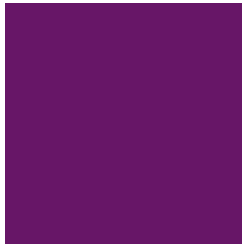
22, 55.894, 37.347



51, 100.588, 39.998

Previews

White Background



This preview shows how the CIELCh color 25, 53.227, 327.874 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 25, 53.227, 327.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

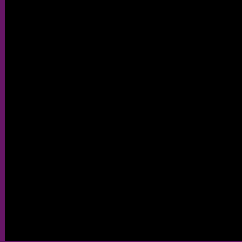
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 53.227, 327.874

Background



This preview shows how black text looks on a background with the CIELCh color 25, 53.227, 327.874.



This preview shows how white text looks on a background with the CIELCh color 25, 53.227, 327.874.

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, 53.227, 327.874

Protanopia

26, 43.515, 285.111

Deuteranopia

26, 24.141, 278.867



Tritanopia
25, 26.114, 21.237

Trichromacy



Original Color
25, 53.227, 327.874

Protanomaly
22, 47.764, 297.219

Deuteranomaly
24, 34.892, 305.739

Tritanomaly
25, 32.416, 351.096

Monochromacy



Original Color
25, 53.227, 327.874

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 22.715, 326.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 53.227, 327.874 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(103, 22, 103)` looks like.

```
.text, #text, p{  
    color:rgb(103, 22, 103)  
}
```

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(103, 22, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 22, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 53.227, 327.874 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(103, 22, 103) }
```

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

```
.border{ border-color:rgb(103, 22, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 22, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 22, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 22, 103);  
box-shadow:4px 4px 4px 4px rgb(103, 22,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 53.227, 327.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 22, 103) }
```

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

```
.background{ background-color: rgb(103, 22,  
103) }
```

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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