

Converting Colors

CIELCh(14, 102.662, 327.845)

Have a look what the booklet for
CIELCh(14, 102.662, 327.845)
contains.

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Color

CIELCh(25, 64.979, 324.696)

Conversions

Conversions Part 1

Format	Color
Hex	6A0275
RGB	106, 2, 117
RGB Percent	42%, 1%, 46%
CMY	0.5833, 0.9917, 0.5404
CMYK	0.09, 0.98, 0.00, 0.54
HSL	294°, 96%, 23%
HSV	294°, 98%, 46%
XYZ	9.2218, 4.4155, 17.2606
YIQ	46.2060, 25.0690, 57.8130

Conversions

Conversions Part 2

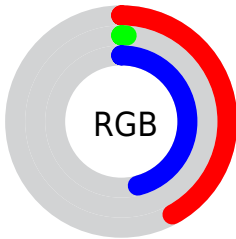
Format	Color
R_{YB}	106, 2, 117
Decimal	6947445
CIE _{Lab}	25.00, 53.03, -37.55
CIE _{LCh}	25, 64.979, 324.696
Yxy	4.4155, 0.2985, 0.1429
Android (android.graphics.Color)	4285137525 (0xFF6A0275)
YUV	46.2060, 34.9014, 52.4393
Hunter-Lab	21.0130, 41.5635, -33.9932

Details

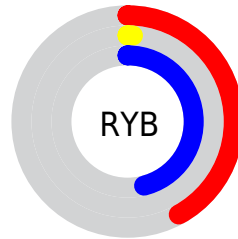
The CIELCh color **25, 64.979, 324.696** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **43, 66.300, 135.456**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 65.195, 324.712**, and **11, 45.430, 321.283** is the 20% darker color. If you saturate the color by 10%, you get **25, 65.464, 324.684**, and if you desaturate by 10%, it is **26, 62.286, 324.777**.

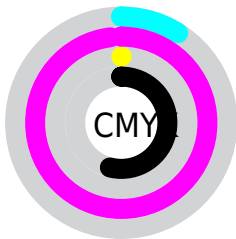
Distribution



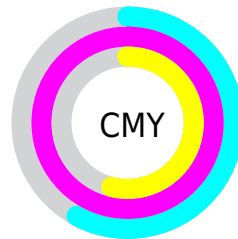
- Red (42%)
- Green (1%)
- Blue (46%)



- Red (42%)
- Yellow (1%)
- Blue (46%)



- Cyan (9%)
- Magenta (98%)
- Yellow (0%)
- Black (54%)





- Cyan (58%)
- Magenta (99%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 64.979, 324.696 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, 64.979, 324.696 by changing the saturation by 10% instead.

 25, 64.979,
324.696

 25, 64.979,
324.696

 100, 64.979,
324.696

 15, 64.979,
324.696

 45, 64.979,
324.696


 5, 64.979, 324.696

 55, 64.979,
324.696

 0, 64.979, 324.696

 65, 64.979,
324.696

 75, 64.979,
324.696

 85, 64.979,
324.696

 95, 64.979,

324.696

■ 25, 64.979,
324.696

■ 25, 64.979,
324.696

■ 25, 65.464,
324.684

■ 26, 62.286,
324.777

■ 27, 58.435,
324.756

■ 29, 53.151,
324.605

■ 31, 46.695,
324.345

■ 34, 39.380,
324.001

■ 37, 31.505,
323.597

■ 40, 23.319,
323.154

■ 43, 15.015,
322.689

■ 47, 6.727, 322.210

Harmonies

Complementary

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



25, 64.979, 324.696



43, 66.300, 135.456

Rectangle

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



25, 64.979, 324.696



25, 64.979, 14.696



25, 64.979, 144.696



25, 64.979, 194.696

Sweetspot

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



25, 64.978, 324.696



51, 29.824, 323.224



13, 69.074, 303.977



24, 20.332, 323.375



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



25, 64.978, 324.696



33, 79.411, 324.595



25, 49.284, 351.157



23, 4.621, 322.251



26, 67.530, 324.668



55, 114.543, 324.475

Inverse Universe

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



23, 53.774, 33.320



31, 67.394, 35.420



43, 53.384, 145.925



23, 2.769, 12.178



24, 56.463, 34.094



52, 98.894, 36.894

Previews

White Background



This preview shows how the CIELCh color 25, 64.979, 324.696 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, 64.979, 324.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

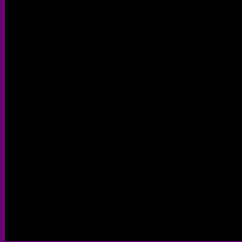
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 64.979, 324.696

Background



This preview shows how black text looks on a background with the CIELCh color 25, 64.979, 324.696.



This preview shows how white text looks on a background with the CIELCh color 25, 64.979, 324.696.

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, 64.920, 324.675

Protanopia

26, 44.649, 285.522

Deuteranopia

26, 31.619, 277.062



Tritanopia
26, 25.489, 20.847

Trichromacy



Original Color
25, 64.920, 324.675

Protanomaly
21, 56.185, 300.875

Deuteranomaly
22, 47.817, 302.949

Tritanomaly
24, 38.023, 344.235

Monochromacy



Original Color
25, 64.920, 324.675

Achromatopsia
19, 0.004, 296.813

Achromatomaly
18, 31.518, 324.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 64.979, 324.696 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(106, 2, 117)` looks like.

```
.text, #text, p{  
    color:rgb(106, 2, 117)  
}
```

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(106, 2, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 2, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 64.979, 324.696 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(106, 2, 117) }
```

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

```
.border{ border-color:rgb(106, 2, 117) }
```

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

Here you see how a box with a 4 pixel rgb(106, 2, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 2, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 2, 117);  
box-shadow:4px 4px 4px 4px rgb(106, 2,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 64.979, 324.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 2, 117) }
```

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

```
.background{ background-color: rgb(106, 2,  
117) }
```

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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