

Converting Colors

CIELCh(25, 22.087, 323.541)

Have a look what the booklet for
CIELCh(25, 22.087, 323.541)
contains.

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Color

CIELCh(25, 22.029, 324.226)

Conversions

Conversions Part 1

Format	Color
Hex	4D324F
RGB	77, 50, 79
RGB Percent	30%, 20%, 31%
CMY	0.6983, 0.8041, 0.6904
CMYK	0.03, 0.37, 0.00, 0.69
HSL	296°, 22%, 25%
HSV	296°, 37%, 31%
XYZ	5.6032, 4.4155, 7.9430
YIQ	61.3790, 6.7830, 14.7430

Conversions

Conversions Part 2

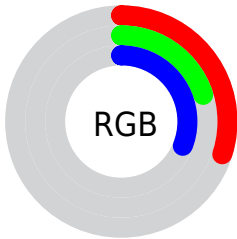
Format	Color
R_{YB}	77, 50, 79
Decimal	5059151
CIE Lab	25.00, 17.87, -12.88
CIE LCh	25, 22.029, 324.226
Yxy	4.4155, 0.3120, 0.2458
Android (android.graphics.Color)	4283249231 (0xFF4D324F)
YUV	61.3790, 8.6872, 13.6996
Hunter-Lab	21.0130, 10.8249, -7.7026

Details

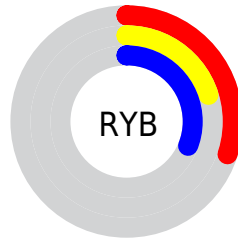
The CIELCh color $[25, 22.029, 324.226]$ is a dark color, and the websafe version is hex $\#663366$. A complement of this color would be $[31, 21.942, 140.428]$, and the grayscale version is $[26, 0.004, 296.813]$.

A 20% lighter version of the original color is $[45, 21.892, 324.793]$, and $[5, 22.211, 324.372]$ is the 20% darker color. If you saturate the color by 10%, you get $[23, 27.819, 324.638]$, and if you desaturate by 10%, it is $[27, 16.056, 323.785]$.

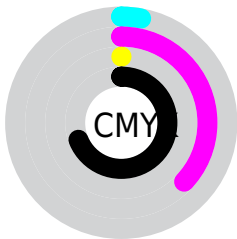
Distribution



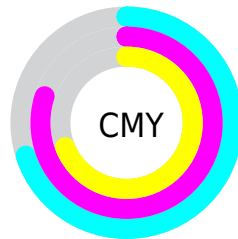
- Red (30%)
- Green (20%)
- Blue (31%)



- Red (30%)
- Yellow (20%)
- Blue (31%)



- Cyan (3%)
- Magenta (37%)
- Yellow (0%)
- Black (69%)





- Cyan (70%)
- Magenta (80%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 22.029, 324.226 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, 22.029, 324.226 by changing the saturation by 10% instead.

 25, 22.029,
324.226


 25, 22.029,
324.226

 100, 22.029,
324.226


 15, 22.029,
324.226


 45, 22.029,
324.226


 5, 22.029, 324.226

 55, 22.029,
324.226

 0, 22.029, 324.226

 65, 22.029,
324.226

 75, 22.029,
324.226

 85, 22.029,
324.226

 95, 22.029,

324.226

■ 25, 22.029,
324.226

■ 25, 22.029,
324.226

■ 23, 27.819,
324.638

■ 27, 16.056,
323.785

■ 21, 33.276,
325.004

■ 30, 10.022,
323.328

■ 19, 38.214,
325.307

■ 32, 4.009, 322.853

■ 18, 42.431,
325.529

■ 34, 1.924, 142.497

■ 17, 45.739,
325.652

■ 37, 7.741, 142.010

■ 16, 48.586,
325.732

■ 39, 13.419,
141.580

■ 42, 18.945,
141.175

■ 15, 49.569,
325.767

■ 44, 24.317,
140.792

■ 47, 29.535,
140.432

Harmonies

Complementary

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



25, 22.029, 324.226



31, 21.942, 140.428

Rectangle

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



25, 22.029, 324.226



25, 22.029, 14.226



25, 22.029, 144.226



25, 22.029, 194.226

Sweetspot

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



25, 22.028, 324.226



40, 8.123, 323.078



23, 17.773, 291.044



19, 5.391, 323.107



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



25, 22.028, 324.226



31, 32.417, 324.591



25, 16.915, 342.261



14, 3.242, 322.946



22, 59.191, 325.681



52, 107.154, 325.501

Inverse Universe

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



24, 14.098, 17.087



30, 21.358, 18.380



31, 16.492, 156.432



14, 1.916, 14.197



19, 49.061, 33.198



48, 93.787, 37.803

Previews

White Background



This preview shows how the CIELCh color 25, 22.029, 324.226 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 25, 22.029, 324.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

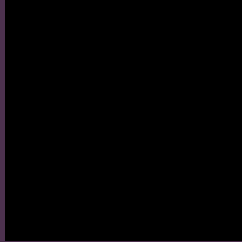
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 22.029, 324.226

Background



This preview shows how black text looks on a background with the CIELCh color 25, 22.029, 324.226.



This preview shows how white text looks on a background with the CIELCh color 25, 22.029, 324.226.

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, 22.029, 324.226

Protanopia

25, 17.891, 284.360

Deuteranopia

25, 11.880, 286.820



Tritanopia
25, 9.714, 5.796

Trichromacy



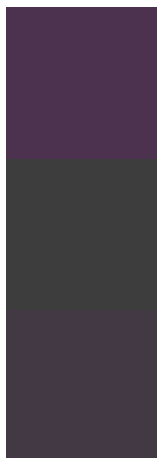
Original Color
25, 22.029, 324.226

Protanomaly
25, 17.933, 298.715

Deuteranomaly
25, 14.936, 305.668

Tritanomaly
25, 13.005, 341.208

Monochromacy



Original Color
25, 22.029, 324.226

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 8.500, 322.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 22.029, 324.226 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(77, 50, 79)` looks like.

```
.text, #text, p{  
    color:rgb(77, 50, 79)  
}
```

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(77, 50, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 50, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 22.029, 324.226 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(77, 50, 79) }
```

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

```
.border{ border-color:rgb(77, 50, 79) }
```

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

Here you see how a box with a 4 pixel rgb(77, 50, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 50, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 50, 79);  
box-shadow:4px 4px 4px 4px rgb(77, 50, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 22.029, 324.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 50, 79) }
```

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

```
.background{ background-color: rgb(77, 50,  
79) }
```

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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