

Converting Colors

CIELCh(22, 37.329, 325.206)

Have a look what the booklet for
CIELCh(22, 37.329, 325.206)
contains.

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Color

CIELCh(22, 37.695, 324.924)

Conversions

Conversions Part 1

Format	Color
Hex	512155
RGB	81, 33, 85
RGB Percent	32%, 13%, 33%
CMY	0.6816, 0.8698, 0.6659
CMYK	0.05, 0.61, 0.00, 0.67
HSL	295°, 44%, 23%
HSV	295°, 61%, 33%
XYZ	5.6071, 3.5154, 9.0180
YIQ	53.2800, 11.9160, 26.3480

Conversions

Conversions Part 2

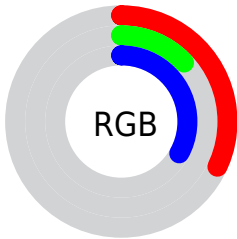
Format	Color
R_{YB}	81, 33, 85
Decimal	5316949
CIE _{Lab}	22.00, 30.85, -21.66
CIE _{LCh}	22, 37.695, 324.924
Yxy	3.5154, 0.3091, 0.1938
Android (android.graphics.Color)	4283507029 (0xFF512155)
YUV	53.2800, 15.6380, 24.3104
Hunter-Lab	18.7494, 20.5699, -15.3922

Details

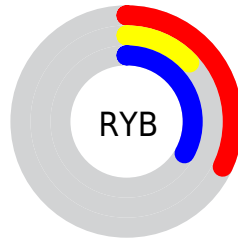
The CIELCh color **22, 37.695, 324.924** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **32, 37.674, 138.239**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 37.981, 324.937**, and **5, 29.583, 323.972** is the 20% darker color. If you saturate the color by 10%, you get **20, 42.605, 325.185**, and if you desaturate by 10%, it is **24, 32.121, 324.587**.

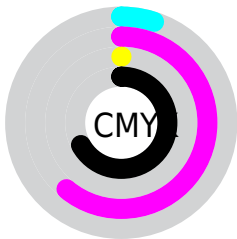
Distribution



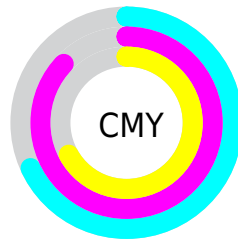
- Red (32%)
- Green (13%)
- Blue (33%)



- Red (32%)
- Yellow (13%)
- Blue (33%)



- Cyan (5%)
- Magenta (61%)
- Yellow (0%)
- Black (67%)





- Cyan (68%)
- Magenta (87%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 37.695, 324.924 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 22, 37.695, 324.924 by changing the saturation by 10% instead.

 22, 37.695,
324.924


 22, 37.695,
324.924

 100, 37.695,
324.924


 12, 37.695,
324.924


 42, 37.695,
324.924


 2, 37.695, 324.924

 52, 37.695,
324.924

 0, 37.695, 324.924

 62, 37.695,
324.924

 72, 37.695,
324.924

 82, 37.695,
324.924

 92, 37.695,

324.924

■ 22, 37.695,
324.924

■ 22, 37.695,
324.924

■ 20, 42.605,
325.185

■ 24, 32.121,
324.587

■ 19, 46.636,
325.351

■ 26, 26.102,
324.195

■ 18, 49.661,
325.412

■ 28, 19.820,
323.766

■ 17, 52.250,
325.463

■ 31, 13.420,
323.313

■ 33, 7.009, 322.847

■ 36, 0.660, 322.214

■ 39, 5.577, 141.988

■ 41, 11.673,
141.546

■ 44, 17.612,
141.131

Harmonies

Complementary

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



22, 37.695, 324.924



32, 37.674, 138.239

Rectangle

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



22, 37.695, 324.924



22, 37.695, 14.924



22, 37.695, 144.924



22, 37.695, 194.924

Sweetspot

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



22, 37.694, 324.924



41, 14.127, 323.200



17, 32.922, 295.638



20, 9.902, 323.288



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



22, 37.694, 324.924



27, 53.045, 325.270



22, 29.084, 344.915



16, 3.599, 322.740



23, 61.301, 325.382



53, 109.016, 325.194

Inverse Universe

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



21, 26.308, 20.949



25, 39.236, 24.896



32, 28.295, 153.522



16, 2.136, 13.592



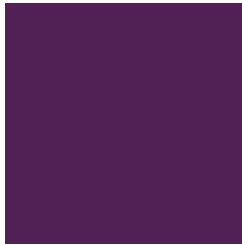
21, 50.959, 33.487



49, 95.042, 37.543

Previews

White Background



This preview shows how the CIE LCh color 22, 37.695, 324.924 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 22, 37.695, 324.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

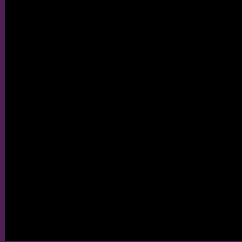
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 37.695, 324.924

Background



This preview shows how black text looks on a background with the CIELCh color 22, 37.695, 324.924.



This preview shows how white text looks on a background with the CIELCh color 22, 37.695, 324.924.

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

22, 37.695, 324.924

Protanopia

22, 34.274, 285.732

Deuteranopia

22, 19.723, 281.165



Tritanopia
22, 15.840, 15.926

Trichromacy



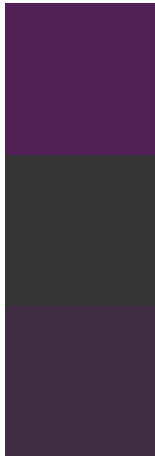
Original Color
22, 37.695, 324.924

Protanomaly
21, 34.957, 297.467

Deuteranomaly
22, 25.208, 302.972

Tritanomaly
22, 21.657, 345.109

Monochromacy



Original Color
22, 37.695, 324.924

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 14.793, 322.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 37.695, 324.924 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(81, 33, 85)` looks like.

```
.text, #text, p{  
    color:rgb(81, 33, 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(81, 33, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 33, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 37.695, 324.924 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(81, 33, 85) }
```

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

```
.border{ border-color:rgb(81, 33, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 33, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 33, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 33, 85);  
box-shadow:4px 4px 4px 4px rgb(81, 33, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 37.695, 324.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 33, 85) }
```

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

```
.background{ background-color: rgb(81, 33,  
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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