

Converting Colors

CIELCh(25, 22.795, 343.169)

Have a look what the booklet for
CIELCh(25, 22.795, 343.169)
contains.

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Color

CIELCh(25, 23.106, 342.382)

Conversions

Conversions Part 1

Format	Color
Hex	562E46
RGB	86, 46, 70
RGB Percent	34%, 18%, 27%
CMY	0.6615, 0.8185, 0.7243
CMYK	0.00, 0.46, 0.19, 0.66
HSL	324°, 30%, 26%
HSV	324°, 46%, 34%
XYZ	5.9693, 4.4155, 6.3804
YIQ	60.6960, 16.1360, 15.9440

Conversions

Conversions Part 2

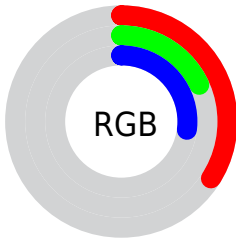
Format	Color
RYB	86, 46, 70
Decimal	5647942
CIELab	25.00, 22.02, -6.99
CIELCh	25, 23.106, 342.382
Yxy	4.4155, 0.3561, 0.2634
Android (android.graphics.Color)	4283838022 (0xFF562E46)
YUV	60.6960, 4.5869, 22.1916
Hunter-Lab	21.0130, 13.9351, -3.2938

Details

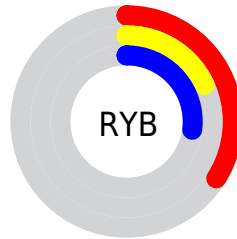
The CIELCh color $25, 23.106, 342.382$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $33, 22.512, 154.608$, and the grayscale version is $26, 0.004, 296.813$.

A 20% lighter version of the original color is $45, 23.074, 342.826$, and $5, 23.127, 342.711$ is the 20% darker color. If you saturate the color by 10%, you get $23, 27.686, 343.449$, and if you desaturate by 10%, it is $27, 18.227, 341.433$.

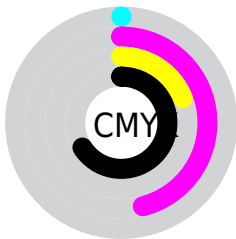
Distribution



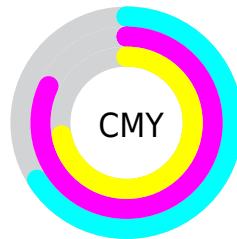
- Red (34%)
- Green (18%)
- Blue (27%)



- Red (34%)
- Yellow (18%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (19%)
- Black (66%)





- Cyan (66%)
- Magenta (82%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 23.106, 342.382 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, 23.106, 342.382 by changing the saturation by 10% instead.

 25, 23.106,
342.382


 25, 23.106,
342.382

 100, 23.106,
342.382


 15, 23.106,
342.382


 45, 23.106,
342.382


 5, 23.106, 342.382

 55, 23.106,
342.382

 0, 23.106, 342.382

 65, 23.106,
342.382

 75, 23.106,
342.382

 85, 23.106,
342.382

 95, 23.106,

342.382

■ 25, 23.106,
342.382

■ 25, 23.106,
342.382

■ 23, 27.686,
343.449

■ 27, 18.227,
341.433

■ 21, 31.778,
344.673

■ 30, 13.206,
340.572

■ 19, 35.165,
346.109

■ 32, 8.154, 339.779

■ 18, 37.646,
347.834

■ 35, 3.147, 339.015

■ 17, 39.521,
349.747

■ 38, 1.766, 158.521

■ 17, 40.265,
350.399

■ 40, 6.557, 157.809
■ 43, 11.212,
157.209

■ 46, 15.726,
156.653

■ 49, 20.101,
156.133

Harmonies

Complementary

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



25, 23.106, 342.382



33, 22.512, 154.608

Rectangle

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



25, 23.106, 342.382



25, 23.106, 32.382



25, 23.106, 162.382



25, 23.106, 212.382

Sweetspot

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



25, 23.105, 342.383



43, 8.645, 339.633



23, 27.453, 308.045



20, 5.910, 339.736



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



25, 23.105, 342.383



30, 34.046, 343.621



24, 19.598, 16.271



16, 2.780, 339.202



22, 46.571, 351.259



51, 81.823, 353.444

Inverse Universe

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



25, 23.105, 342.383



30, 34.046, 343.621



34, 15.360, 187.814



16, 2.780, 339.202



22, 46.571, 351.259



51, 81.823, 353.444

Previews

White Background



This preview shows how the CIE LCh color 25, 23.106, 342.382 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, 23.106, 342.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

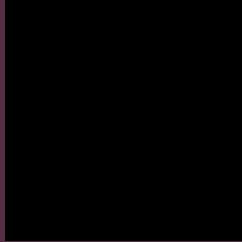
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 23.106, 342.382

Background



This preview shows how black text looks on a background with the CIELCh color 25, 23.106, 342.382.



This preview shows how white text looks on a background with the CIELCh color 25, 23.106, 342.382.

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, 23.106, 342.382

Protanopia

25, 13.254, 284.411

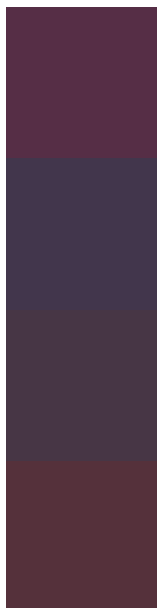
Deuteranopia

25, 6.846, 306.167



Tritanopia
25, 16.998, 16.502

Trichromacy



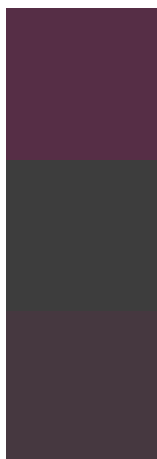
Original Color
25, 23.106, 342.382

Protanomaly
25, 15.438, 311.829

Deuteranomaly
25, 12.390, 329.060

Tritanomaly
25, 17.867, 2.213

Monochromacy



Original Color
25, 23.106, 342.382

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 8.227, 341.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 23.106, 342.382 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(86, 46, 70)` looks like.

```
.text, #text, p{  
    color:rgb(86, 46, 70)  
}
```

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(86, 46, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 46, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 23.106, 342.382 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(86, 46, 70) }
```

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

```
.border{ border-color:rgb(86, 46, 70) }
```

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

Here you see how a box with a 4 pixel rgb(86, 46, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 46, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 46, 70);  
box-shadow:4px 4px 4px 4px rgb(86, 46, 70)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 23.106, 342.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 46, 70) }
```

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

```
.background{ background-color: rgb(86, 46,  
70) }
```

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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