

Converting Colors

CIELCh(64, 10.836, 277.864)

Have a look what the booklet for
CIELCh(64, 10.836, 277.864)
contains.

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Color

CIELCh(64, 10.836, 277.864)

Conversions

Conversions Part 1

Format	Color
Hex	949BAE
RGB	148, 155, 174
RGB Percent	58%, 61%, 68%
CMY	0.4195, 0.3921, 0.3176
CMYK	0.15, 0.11, 0.00, 0.32
HSL	224°, 14%, 63%
HSV	224°, 15%, 68%
XYZ	31.5809, 32.8017, 44.7195
YIQ	155.0730, -10.2710, 4.4250

Conversions

Conversions Part 2

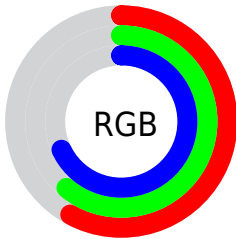
Format	Color
R _Y B	148, 154, 174
Decimal	9739182
CIE Lab	64.00, 1.48, -10.73
CIE LCh	64, 10.836, 277.864
Yxy	32.8017, 0.2895, 0.3007
Android (android.graphics.Color)	4287929262 (0xFF949BAE)
YUV	155.0730, 9.3310, -6.2030
Hunter-Lab	57.2727, -1.8003, -6.2037

Details

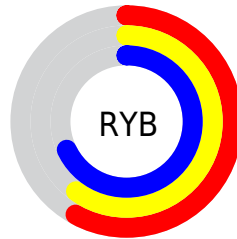
The CIELCh color $64, 10.836, 277.864$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 10.754, 94.121$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 10.777, 278.131$, and $44, 11.037, 277.857$ is the 20% darker color. If you saturate the color by 10%, you get $59, 18.291, 279.412$, and if you desaturate by 10%, it is $69, 3.549, 276.553$.

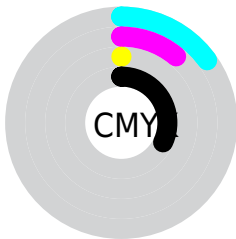
Distribution



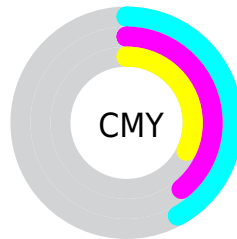
- Red (58%)
- Green (61%)
- Blue (68%)



- Red (58%)
- Yellow (60%)
- Blue (68%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (32%)




- Cyan (42%)
- Magenta (39%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 10.836, 277.864 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 64, 10.836, 277.864 by changing the saturation by 10% instead.


 64, 10.836,
277.864


 64, 10.836,
277.864


 100, 10.836,
277.864


 54, 10.836,
277.864


 84, 10.836,
277.864

 44, 10.836,
277.864

 94, 10.836,
277.864

 34, 10.836,
277.864

 24, 10.836,
277.864

 14, 10.836,
277.864

 4, 10.836, 277.864

 0, 10.836, 277.864

64, 10.836,
277.864

64, 10.836,
277.864

59, 18.291,
279.412

69, 3.549, 276.553

54, 25.931,
281.229

73, 3.576, 95.297

50, 33.773,
283.345

78, 10.546, 94.328

45, 41.843,
285.792

88, 24.036, 92.697

41, 50.167,
288.574

92, 30.564, 92.022

36, 58.741,
291.652

96, 35.717,
100.483

32, 67.485,
294.915

98, 40.577,
107.081

29, 76.148,

298.167

■ 27, 80.383,
299.647

Harmonies

Complementary

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



64, 10.836, 277.864



69, 10.754, 94.121

Rectangle

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



64, 10.836, 277.864



64, 10.836, 327.864



64, 10.836, 97.864



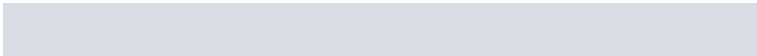
64, 10.836, 147.864

Sweetspot

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



64, 10.835, 277.859



88, 3.563, 276.456



69, 10.466, 175.787



47, 2.554, 276.538



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 10.835, 277.859



80, 16.260, 278.356



63, 14.770, 299.693



34, 4.069, 277.089



23, 71.380, 299.267



2, 8.997, 279.198

Inverse Universe

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



64, 10.878, 359.544



79, 16.378, 359.928



70, 14.321, 117.663



34, 4.060, 358.931



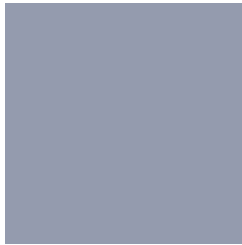
31, 59.724, 22.818



2, 8.222, 1.760

Previews

White Background



This preview shows how the CIELCh color 64, 10.836, 277.864 looks on a white background.

Color Contrast Check

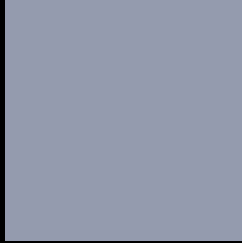
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 10.836, 277.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

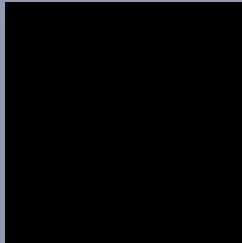
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

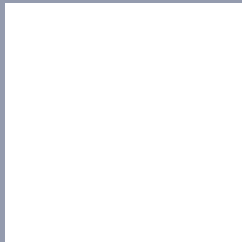
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 10.836, 277.864

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.836, 277.864.

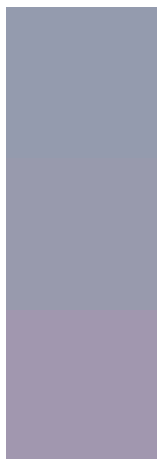


This preview shows how white text looks on a background with the CIELCh color 64, 10.836, 277.864.

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

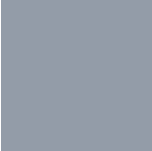
64, 10.836, 277.864

Protanopia

64, 10.614, 287.389

Deuteranopia

64, 13.954, 306.784



Tritanopia
64, 7.389, 264.457

Trichromacy



Original Color
64, 10.836, 277.864

Protanomaly
64, 10.638, 285.445

Deuteranomaly
64, 12.960, 297.983

Tritanomaly
64, 8.392, 268.068

Monochromacy



Original Color
64, 10.836, 277.864

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.047, 274.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.836, 277.864 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(148, 155, 174)` looks like.

```
.text, #text, p{  
    color:rgb(148, 155, 174)  
}
```

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(148, 155, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 155, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.836, 277.864 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(148, 155, 174) }
```

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

```
.border{ border-color:rgb(148, 155, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 155, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 155, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 155, 174);  
box-shadow:4px 4px 4px 4px rgb(148, 155,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.836, 277.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 155, 174) }
```

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

```
.background{ background-color: rgb(148,  
155, 174) }
```

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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