

CHE-NU XR PRESETS PACK

XR.v1.0 — Foundation / Presets / Immersive-Layers

"5 curated immersive environments for CHE-NU spatial experiences."

Classic	Cosmic	Builder	Sanctum	Jungle
---------	--------	---------	---------	--------

Status: CANONICAL

— 1 —

OVERVIEW

The XR Presets Pack provides 5 carefully designed immersive environments for CHE-NU spatial experiences. Each preset defines lighting, sky, floor, ambience, decor elements, and interaction parameters optimized for specific use cases.

Preset	Mood	Interaction	Best For
Classic	Calm, grounded	2.5m	Daily use, meditation
Cosmic	Expansive, awe	4m	Memory review, planning
Builder	Ancient, focused	2m	Construction work
Sanctum	Futuristic, clean	3m	Data analysis, AI work
Jungle	Natural, alive	2m	Creative thinking

Shared Principles

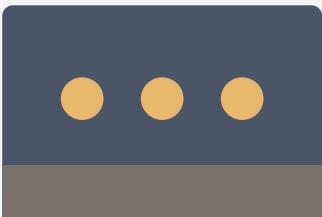
- **Accessibility-safe:** All presets avoid high motion effects
- **Comfort-first:** Reduced parallax, capped brightness
- **Consistent UX:** Universal navigation and menu systems
- **Ethical design:** No cognitive pressure or manipulation

— 2 —

XR_CLASSIC

CLASSIC CHE-NU

ID: xr_classic



- **Lighting:** warm_low
- **Sky:** soft_gradient
- ■ **Floor:** stone_circle
- **Ambience:** low_wind + subtle_chimes
- **Decor:** stone-pillars, soft lanterns, tree-of-links
- ■ **Special:** Interactive tree-of-links

■ ■ Accessibility-safe

The Classic preset embodies CHE-NU's core identity: warm, grounded, and contemplative. It features a stone circle floor with soft lanterns creating pools of ambient light. The interactive tree-of-links serves as a central navigation element.

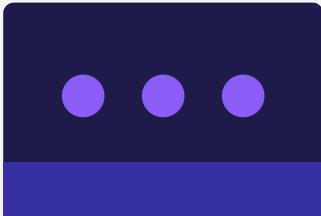
Ideal Use Cases

- Daily interactions and general navigation
- Meditation and reflection sessions
- Onboarding new users to CHE-NU
- Extended work sessions requiring calm focus

— 3 —

COSMIC ORBIT

ID: xr_cosmic



- **Lighting:** deep_starfield
- **Sky:** nebula_dynamic
- **Floor:** translucent_orbit_ring
- **Ambience:** ambient_cosmic_hum
- **Decor:** floating_memory_shards, drift_lines
- **Special:** Agent orbit paths

■■ Accessibility-safe

Cosmic Orbit creates an expansive, awe-inspiring environment with dynamic nebula backgrounds and floating memory shards. Agents follow visible orbit paths, creating a sense of vast interconnected intelligence.

Ideal Use Cases

- Memory review and knowledge exploration
- Strategic planning and big-picture thinking
- Multi-agent collaboration visualization
- Creative ideation requiring expansive mindset

XR_BUILDER

■ ANCIENT BUILDER

ID: xr_builder



■ Lighting:	torch_soft
■ Sky:	cavern_skybox
■■ Floor:	engraved_stone
■ Ambience:	deep_echo + earth_resonance
■ Decor:	monolith_logs, tool-altars
■ Special:	Blueprint projection field

■■ Accessibility-safe

Ancient Builder evokes a mystical workshop where ancient wisdom meets modern creation. Soft torchlight illuminates engraved stone floors, while tool-altars provide access to construction capabilities. The blueprint projection field enables spatial planning.

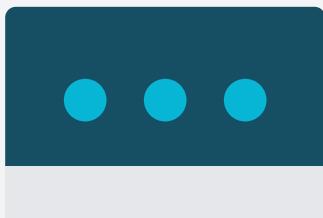
Ideal Use Cases

- Construction project planning and review
- Technical documentation work
- Focused building and development tasks
- Blueprint and schematic analysis

XR_SANCTUM

■ FUTURIST SANCTUM

ID: xr_sanctum



■ Lighting:	neon_low
■ Sky:	holo_grid
■■ Floor:	reflective_white
■ Ambience:	smooth_aether
■ Decor:	AI_coral_structures, logic-streams
■ Special:	Real-time data feeds

■■ Accessibility-safe

Futurist Sanctum presents a clean, high-tech environment with holographic elements. AI coral structures grow organically while logic-streams (information waterfalls) provide ambient data visualization. Perfect for analytical work.

Ideal Use Cases

- Data analysis and visualization
- AI collaboration and orchestration
- Technical research and investigation

- Real-time monitoring and dashboards

XR_JUNGLE

JUNGLE HAVEN

ID: xr_jungle



- Lighting:** filtered_sun
- Sky:** tropical_fog
- Floor:** moss_platform
- Ambience:** rainforest_soft
- Decor:** root_bridges, canopy_memory_nodes
- Special:** Wildlife ambience randomizer

■ Accessibility-safe

Jungle Haven immerses users in a lush, living environment. Filtered sunlight creates dappled shadows on moss platforms, while root bridges connect different areas. Memory nodes are embedded in the canopy, accessible through natural navigation.

Ideal Use Cases

- Creative thinking and brainstorming
- Nature-inspired work sessions
- Stress reduction during intensive tasks
- Organic information exploration

UNIVERSAL XR RULESET

All presets share a universal ruleset that ensures consistent, comfortable, and safe XR experiences across environments.

UNIVERSAL XR RULESET

Transitions <ul style="list-style-type: none">• fade_portal• 800ms duration• soft_whoosh audio	Menus <ul style="list-style-type: none">• right_hand anchor• radial mode• adaptive: true	Safety <ul style="list-style-type: none">• boundary_mesh• auto_recenter• collision_soft
Navigation Modes:		
teleport_step	slow-glide (comfort)	fixed-node travel

Transition System

Property	Value	Description
----------	-------	-------------

type	fade_portal	Smooth portal transition effect
duration	800ms	Comfortable transition speed
audio	soft_whoosh	Non-jarring audio feedback

Safety Features

Feature	Description
boundary_mesh	Visual guardian boundary system
auto_recenter	Automatic view recentering
collision_soft	Soft collision feedback, no jarring stops

EXPORT FORMAT

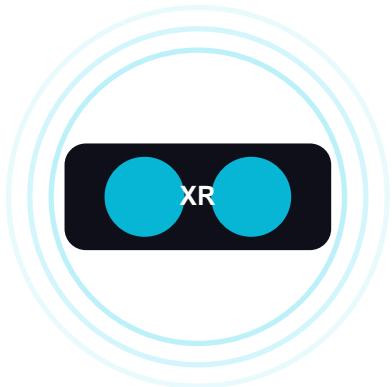
XR presets are exported as bundles containing all configuration needed to instantiate the environment.

```
{  
  "xr_preset_bundle": {  
    "version": "1.0",  
    "hash": "sha256_signature",  
    "presets": [  
      {  
        "id": "xr_classic",  
        "lighting": { "type": "warm_low", "intensity": 0.6 },  
        "sky": { "type": "soft_gradient", "colors": [...] },  
        "floor": { "type": "stone_circle", "material": "..." },  
        "ambience": { "sounds": ["low_wind", "subtle_chimes"] },  
        "interaction_radius": 2.5,  
        "ui_layer": "floating_panels",  
        "avatar_style": "neutral-minimal",  
        "decor": [...],  
        "constraints": { "high_motion": false, "accessibility": true }  
      }  
      // ... more presets  
    ]  
  }  
}
```

SUMMARY

Preset	Theme	Key Feature	Radius
xr_classic	Warm, grounded	Tree-of-links	2.5m
xr_cosmic	Expansive, cosmic	Agent orbit paths	4m
xr_builder	Ancient, focused	Blueprint projection	2m
xr_sanctum	Futuristic, clean	Real-time data feeds	3m
xr_jungle	Natural, alive	Wildlife randomizer	2m

*Immersive environments that respect the human.
Beauty that serves, never manipulates.*



CHE-NU — XR Presets Pack
XR.v1.0 — CANONICAL